

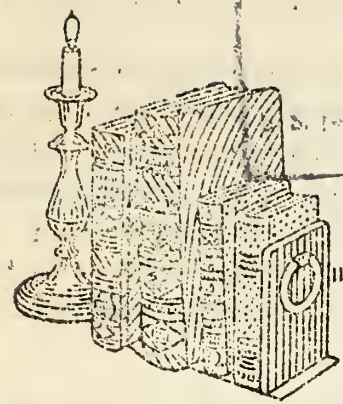
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# LIBRARY NEWSLETTER

U. S. DEPARTMENT OF AGRICULTURE

LINCOLN BRANCH  
Rm. 313 Rudge & Guenzel Bldg.

Vol. 8, no. 1  
January 1949

Telephone: 2-7241  
Ext. 336

## NEW BOOKS IN YOUR BRANCH LIBRARY

FARMING AND DEMOCRACY, BY A.W.Griswold. 227 p. Harcourt - Brace, 1948. 281 G88

This is a book about an idea - that farming as a family enterprise is the "backbone of democracy." The book discusses the origin of the idea, its historic influence on public policy in the United States and abroad and its possible significance for the future of both American agriculture and democracy. The author concludes that only in the U.S. has family farming helped democracy. The evidence today is that the old-fashioned type of family farm is a poor economic risk for the long run as well as a poor bulwark for the defense of democratic institutions. Mr. Griswold says that American farming needs a realistic replanning, to fit the needs and receive the full benefits of twentieth century democracy. (See also commendatory review in USDA, Dec. 20, 1948)

GREENHOUSES, THEIR CONSTRUCTION AND EQUIPMENT, by W. J. Wright. Rev. ed. 269 p. Orange Judd publishing co., 1946. 90.14 W93 Ed.3

A comprehensive manual covering the construction and equipment of greenhouses and other like structures used for the growing of plants. It is based on practical experience. The revision was made especially to include the advances which have been made in equipment and devices, electric, automatic or semi-automatic. Full directions are given for sash-beds, hotbeds and cold-frames. Diagrams and illustrations explain the construction. There is a chapter on glazing and painting, the use of putty and setting glass. Water supply and irrigation are discussed.

HOW TO RUN A MEETING, by Edward J. Hegarty. 222 p. Whittlesey, 1947. 145 H36

This book is written to help you put on better meetings. If you are stuck with the job of running committee meetings, you will find here in black on white some suggestions that can help you get your meetings out of the rut. The author has had a great deal of experience in all kinds of meetings and has many worthwhile ideas. Chapter headings include: How to get speakers, Keeping the meeting moving, Handling disturbances, Group run meetings, Follow up of your meeting and Don't try to be too funny.

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HYDRAULICS, by Horace W. King and others. 5th ed. 351 p. Wiley, 1948. 290 K58H

This is the 5th edition of a standard work intended to present the fundamental principles relating to fluids at rest or in motion as they apply to engineering practice and to illustrate those principles with practical problems. The purpose of this revision is (1) to improve the clarity and arrangement in the light of continued experience, (2) to add new problems illustrating applications of basic theory to engineering problems not previously covered, and (3) to expand the material to include new developments in theory and practice which have been accepted in the past few years.

INSECTS AND HUMAN WELFARE, by Charles T. Brues. 154 p. Rev. ed. Harvard university press, 1947. 423 B832 1947

An account of the more important relations of insects to the health of man, to agriculture, and to forestry. Insects as disease carriers and as household pests are described and the various methods of control are discussed. The chapter on Insects and the food supply brings out the fact that insects consume much food material that might otherwise serve for human consumption.

KNOWING YOUR TREES, by G. H. Collingwood and Warren D. Brush. 312 p. Washington, D.C., American forestry association, 1947. 99.3 C69 1947

Trees, like people, are known best by their characteristics and important contributions to society. The authors identify a hundred and fifty outstanding American trees. Actual photographs of each tree - winter and summer - its leaf, bark, flower and fruit are presented, along with a map showing where it grows. Trees shelter and beautify our homes, shade our streets, give charm and dignity to our parks, life and character to our landscapes. Products of the forest contribute at all seasons to our well-being and enjoyment. Knowing about trees greatly increases the benefits we derive from them.

LABOR RELATIONS AND HUMAN RELATIONS, by Benjamin M. Selekman. 225 p. McGraw-Hill, 1947. 249.3 Se4

The author examines the course of influence upon the network of relationships established when a union enters a workplace and studies the chain of influence and reaction in an effort to uncover the problems confronting leaders on both sides. Collective bargaining as a social process involving human people is discussed and approach and action that seem worthy of further test in improving joint relationships are suggested. The chapter, 'Wanted: mature managers, will be thought-provoking.

OUR PLUNDERED PLANET, by Fairfield Osborn. 217 p. Boston, Little, 1948. 279 Os1

This is an exposition of present and historical human exploitation of natural resources, and the plight of the world in the face of progressively faster destruction of its land and living. The author sees that the earth's resources are going, going...whether because of the crowding populations of the East or the cattlemen and lumbermen of the West. Fundamental to the troubles not only of nations like China and India but of nations throughout the world is the misuse of the land by their people.

Recommended reading for all soil conservationists, foresters and others interested in the preservation of our natural resources.

QUICK FREEZING; a digest of authoritative information on quick freezing of foods for the home, by Anne Pierce. 84 p. Barrows and co., 1944. 389.3 P61Q



This book is a manual on quick freezing. It contains descriptions of freezing equipment, preparation of foods for freezing, effect of freezing on foods, nutritive values and cookery of frozen foods. There are lists of preferred varieties of vegetables and outstanding varieties of fruits for freezing.

TRANSACTIONS OF THE THIRTEENTH NORTH AMERICAN WILDLIFE CONFERENCE. 650 p.  
Wildlife management institute, 1948. 412.9 N814 13th

### RECENT PAMPHLET MATERIAL

#### WATER

Calculating precipitation probabilities, by H.T. Gisborne. In the Timberman 49 (10): 58, 60, 62, 64, 66. Aug. 1948.

Crop production under irrigation in Nebraska, by D. L. Gross. Nebraska. Ext. service. Cir. 180. 24 p. 1948. 275.29 N272Ex no.180

Crop rotations under irrigation, by D. L. Gross. Nebraska. Ext. Serv. Cir. 182. 6 p. 1948. 275.29 N272Ex no.182

Integration of water use in Nebraska, by G. E. Condra. Nebr. Univ. Nebraska conservation bulletin no.29. 14 p. 1947. 279.9 N272B no.29

Multiple use of available water supply to meet expanding needs - especially for irrigation.

Irrigation agriculture in the West. U.S. D.A. Misc. Pub. no.670. 39 p. 1 Ag84M

Irrigation of potatoes in Wisconsin and Michigan - some experience of farmers with portable systems, by Emil Rauchenstein. 13 p. 1947. 1.941 L7Ir72

Wisc. Univ. in cooperation with U.S. Bur. of agricultural economics.

Leans for water in the West. U.S. D.A. PA-43. 7 p. 1948. 1 Ag84Pro no.43

Progress of fundamental survey in Nebraska, by G. E. Condra. Nebraska. Univ.

Nebraska conservation bulletin no.30. 15 p. 1948. 279.9 N272B no.30

Activities that study the physical and biological resource background of state development as in irrigation, agriculture and industry.

The quality of water for irrigation, by L.V. Wilcox. U.S. Dept. of agriculture.

Tech. Bul. no.962. 40 p. 1948. 1 Ag84Te no.962

Rates of runoff for the design of conservation structures in the Central Great

Plains of Nebraska and Kansas, by John A. Allis. U.S. Soil conservation

service, SCS-TP-69. 30 p. 1948. 1.96 Ad6TP no.69

A topographic map of Beaver Creek watershed is included.

Soil water and its disposal under corn and bluegrass, by H.N. Holton and G.W.

grave. U.S. Soil conservation service. SCS-TP-68. 36 p. 1947. 1.96 Ad6Tp

Summary of group irrigation work in soil conservation districts, 1947, with to

date totals. 9 p. 1948. 1.96 Ad6Sum Issued by U.S. Soil Conservation S.

Water systems for the farm home. Okla. Ext. Cir. 473. 34 p. 275.29 Ok41C

Watershed management and sediment control, by G. W. Craddock. 9 p. 1.9622

I2C84 Issued by U.S. Intermountain forest and range Expt. Station.

"Address given at meeting of Assoc. of Western State Engineers... Sept. 1947"

What is water erosion? by Arthur W. Emerson, SCS. In Implement and tractor, 63

(20): 38. Oct. 2, 1948.

Splash and scour erosion explained.

#### MISCELLANEOUS

Nutriculture, by Robert B. Withrow and Alice P. Withrow. Indiana. Agr. Expt.

Sta. S.C. 328. 60 p. 1948. 100 In2P(c) no.328

The growing of plants in nutrient solutions, or with aggregates moistened with nutrient solutions. Includes hydroponics, sand culture, surface and subirrigation culture and cinder culture.



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- U.S. Dept. of agriculture. Office of information. Documents. 1.914 A2B52.
- no.1. Origin, structure, and functions of the U.S. Dept. of agriculture 24 p.
  - no.2. Abridged list of federal laws applicable to agriculture. 24 p. 1948.
  - no.3. Biographies of persons in charge of federal agricultural work, 1836 to date. 16 p. Rev. 1948.
  - no.4. Condensed history of the U.S. Dept. of agriculture. 14 p. Rev. 1948.
  - no.5. Our department scientists. 11 p. n.d.
  - no.6. Important recent achievements of Department of agriculture scientists. 28 p. Rev. 1948.

#### PERIODICAL NOTES

JOURNAL OF RANGE MANAGEMENT, published by the American society of range management to foster advancement in the science and art of grazing land management; to promote progress in the conservation and greatest sustained use of forage and soil resources, to stimulate discussion and understanding of scientific and practical range and pasture problems, to provide a medium for the exchange of ideas... This periodical is now available for circulation. The first issue includes articles on: Getting new range plants into practice by A.L. Hafenrichter, SCS; Succession in sagebrush, by T. Lommason and The mulch layer of California annual ranges.

WHAT'S NEW IN CROPS AND SOILS. Published 9 times a year by the American society of agronomy. Signed articles on new crops, varieties, cropping systems, soil treatment, fertilizer practices, tillage and weed control. There are also news items, notes on research and a list of new publications. Your Branch Library has subscribed and will be glad to circulate it to you on request. Articles in the 2d issue include: New alfalfa varieties, by H.M. Tyndal; Beef from gullies, by Harley A. Daniel and Harry M. Elwell; The hybrid corn of tomorrow, by Marie T. Jenkins.

Applying fertilizer through irrigation water, by F.W. Peikert and R.L. Cook. In The American fertilizer 109(5): 7-8, 28. September 4, 1948.

Bird's-foot trefoil - the coming legume, by Frank C. Pellett. American bee journal 88(12): 588-589, 595. Dec. 1948.

"A new forage crop which is more drought resistant than clover and more permanent than alfalfa." It gets its name from the seed pods which look like the toes of a bird's foot. The bright yellow, pea-shaped flowers of bird's-foot trefoil make it worth while as an ornamental plant.

The farm machinery companies help promote soil conservation, by A. W. Emerson. Implement and tractor. Dec. 25, 1948, p. 22-23, 78-79.

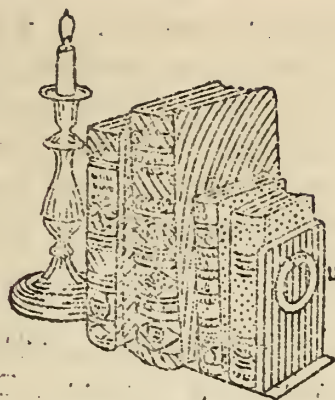
Soil on the land - milk in the can, by H. H. Bennett. Heard's dairyman 93 (23): Dec. 10, 1948.

Suggested permanent soil and water-use program and the probable role of fertilizers in it, by Dr. J. T. Sanders, legislative counsel, The national grange. The American fertilizer Aug. 21, 1948 and Sept. 4, 1948.

DO NOT RETURN MAGAZINES TO THE LIBRARY UNTIL ALL READERS ON THE LISTS HAVE SEEN THEM.

FORWARD PERIODICALS PROMPTLY - OTHERS ARE WAITING TO SEE THEM.





# LIBRARY NEWSLETTER

U. S. DEPARTMENT OF AGRICULTURE

LINCOLN BRANCH  
Rm. 313 Rudge & Guenzel Bldg.

Vbl. 8, no.2-3  
February - March 1949

Telephone: 2-7241  
Ext. 336

There have been delays in the mail due to stormy conditions. Your patience and cooperation are appreciated. It should be "smooth mailing" from now on.

## NEW BOOKS IN YOUR BRANCH LIBRARY

AERIAL PHOTOGRAPHS IN FORESTRY, by S. H. Spurr. 340 p. Ronald, 1948. 325.2 Sp9

The author has made an effort to bring together in one place existing information concerning the use of photographs in forest mapping, inventory, and other phases of forest management. The book is in four parts: Aerial photographs, Aerial surveying, Photo-interpretation and Forestry applications. Only those aspects of photogrammetry essential to the forester are considered. There are many fine illustrations and helpful diagrams.

EFFECTIVE SPEAKING FOR EVERY OCCASION, by Willard Hayes Yeager. 444 p.  
Prentice-Hall, 1947. 145.2 Y3

This book is intended to meet the needs of those who require a more advanced treatment of the subject; The unique contribution of this book consists in combining the essential principles of effective speaking with the study of more than sixty speeches which illustrate the application of those principles to specific occasions. The most common types with models to illustrate them are: Speeches of praise and blame, Speeches of response and farewell, Speeches of celebration, Speeches of factual explanation, Speeches of good-will, How to make inspirational speeches, Entertaining speeches, Speeches to persuade audiences to believe in and to act on proposed courses of conduct and Radio speeches. If you want to make a speech, this book will help you.

ELEMENTS OF FARM MANAGEMENT, by John Abel Hopkins. 3d ed. 524 p. Prentice-Hall, 1947. 281 H77E Ed.3

The text has been expanded to include developments in the principles of farm management, changes in government control, further information on labor requirements, data on farm prices and on the relationship of industrial progress to farm management. This is a recognized authority in the field.

ELEMENTS OF PUBLIC ADMINISTRATION, ed. by Fritz Morstein Marx. 637 p. Prentice Hall, 1946. 280.12 M832E

This book was written by 14 experts and has been adopted as a textbook by more than 12 leading American universities. The principal aim of the authors is to deepen the reader's understanding of the administrative process as an important part of modern civilization.



When trying to find people who can do a good job in difficult spots... the greatest need in public administration is for people who have an interest in and are capable of grasping the economic, social, political and other broad phases of public programs and who at the same time are willing and able to master some of the precise details of administration without which not much could be accomplished. The combination is rare. Read this book for a full explanation.

**FAMILY FARM POLICY;** proceedings of a conference on family farm policy, attended by participants from the British Commonwealth, northern Europe, central Europe, Latin America, and the United States, held at the University of Chicago, February 15-20, 1946. 518 p. University of Chicago Press, 1947. 282.9 F223

Here is a discussion of the application of farm tenure to the problems of income, security and opportunity for the farm family. 76 experts drawn from many agricultural fields contribute experience. Inflated land values, concentration, and parcellation of land, taxes, land settlement, credit and inheritance of land are considered in the plan of an improved tenure policy. Reliance is placed upon the farm which is owned and operated by one family, possessing no more land and capital than it can operate normally through its own efforts, as the best means for achieving a better rural society. Experience with other types of farm tenure are given. Clarifying land tenure shortcomings and suggesting remedial action, this book shows how agricultural life can be made a richer and more satisfying experience for those who farm and also a stronger institution for national economy for world peace.

**FLOODS, THEIR HYDROLOGY AND CONTROL,** by H. K. Barrows. 432 p. 1948 290 B273F

This book on flood control is strictly up to date and practical. The author deals with such topics as principles of flood hydrology; the many uses of the flood hydrograph; spillways and spillway gates; costs; great floods and their damages; benefits of flood relief; reservoirs for flood control; flood control projects in the United States; local flood protection works; Federal flood legislation and economic aspects. Illustrations, maps, diagrams and tables are helpful. The most destructive rivers are taken up separately.

**GRAPHS, HOW TO MAKE AND USE THEM,** by Herbert Arkin and Raymond R. Colton. Rev. ed. 236 p. Harper, 1940. 251 Ar4G 1940.

Even the most carefully prepared table of statistics, proves inadequate as a satisfactory means by which the significance of data could be quickly, clearly and easily understood. The graph converts into visual form a comparison of various quantities. As much information may be obtained in five minutes from graphs as would require whole days to imprint on the memory, by a table of figures. This book has proved helpful in this technique. Recommended by the Training division, SCS, for its employees.

**MARCHING WITH THE GRASSES,** by Raymond J. Pool. 210 p. University of Nebraska press, 1948. 60.1 P78

This book describes the role that wild and cultivated grasses have played in the slow evolution of human society. The author examines the grasses and their contributions to the cultures prevalent in their native regions. The grasses, the writer believes, are instrumental in integrating world economy. They are especially important in America since our agriculture is basically of the grain and livestock type, ideally adapted to the natural grassland



climate and soil of our continent. Global distribution is discussed and illustrated by interesting maps of the natural grasslands of the world, location of major wheat producing areas, etc. History, classification and evolution of these plants and their many distinctive products are given. Raymond Pool, Professor at the University of Nebraska, is an outstanding botanist and this latest book is a valuable contribution.

RAINFALL AND RUNOFF, by Edgar E. Foster. 487 p. Macmillan, 1948. 340 F81

"The purpose that motivated the preparation of this book was two-fold. It was desired to present a reasonably complete picture of the science of hydrology as related to rainfall and runoff, including the more important and well-established principles that have been developed within the past two decades. Second it was intended to introduce into hydrological practice the use of the methods of statistical analysis. In the combination of these two objectives it is hoped to put the science of hydrology on a logical basis by eliminating guesswork as much as possible, by setting limits within which judgment may be exercised safely, and by introducing means of measuring the numerous variations observed in the occurrence of water in nature." - (Preface) Specific illustrations of the application of hydrologic principles have been taken from all parts of the United States to make the book useful to those engaged in water control projects.

THE VALUE OF SOIL CONSERVATION, PROBLEMS OF CONSERVING SOIL, WATER AND WILDLIFE, by Alfred W. Philips. 64 p. Lincoln, Nebr., Univ. Pub. Co., 1949. 56.7 P53

This was prepared in close collaboration with the U.S. Soil conservation service and presents the latest developments in conservation. Adrian C. Fox, SCS wrote the units on wildlife and forestry. The illustrations are taken from photographs and drawings in the files of the U.S. Soil conservation service. It is intended for use in the schools. All conservationists who encourage the teaching of conservation will be interested in this fine text-workbook.

WILDLIFE MANAGEMENT: UPLAND GAME AND GENERAL PRINCIPLES, by Reuben Edwin Trippensee. 479 p. McGraw-Hill, 1948. 411.2 T73

This book is a direct, simple approach to the process of making land produce sustained crops of wild animals. It gives a summary of the life histories of important game animals of North America with techniques for their management. It also discusses the farm, the forest, and wilderness conditions as these relate to wild animals and suggests ways whereby the land manager can make his holdings tenable for occupancy by wild animals. The chapter on diseases and parasites discusses abnormal conditions likely to be found in wild animals. There are also chapters on predation, variations in numbers of animals and training facilities available in the field of wildlife management.

Edward H. Graham, SCS, Washington, D.C., himself a competent author on the subject, recommends this book to all conservationists.

#### RECENT PAMPHLET MATERIAL

##### CONSERVATION

Great plains agricultural advisory council, Fort Collins, Colorado, July 30, 31, and Aug. 1, 1947. (Minutes) 37 p. 1948. 282.9 N817 1947

Includes papers: Plains condition report, by R.I. Throckmorton; Drought and conservation research, by D.W. Robertson; Missouri Basin agricultural develop-



ment, by Gladwin E. Young and The water utilization program of the U.S.S. Dept. of agriculture, by Charles F. Brannan.  
Investigation in erosion control and the reclamation of eroded land at the Missouri Valley Loess conservation experiment station, Clarinda, Iowa, 1931-42. U.S. Dept. of agriculture. Tech. Bul. no. 959, 88 p. 1948. 1 Ag84Te no. 959

What is a conservation farm plan? by the Soil conservation service, U.S. Dept. of agriculture. Leaflet no. 249, 7 p. 1948. 1 Ag84L no. 249.

## FARMING

Agricultural cooperation in the United States. U.S. Farm credit administration. Bul. 54, 214 p. 1947 166.2 B87 no. 54

A complete and well illustrated survey with many signed articles.

Apple production, by varieties, by areas, 1947 and 1948. 1.941 A8Ap5 1947-48. Issued by U.S. Bur. of agricultural economics, Crop reporting board.

A breeding experiment with holstein cattle at the Huntley, Mont., field station, by J. R. Dawson and D. V. Konland. U.S. Dept. of agriculture. Tech. Bul. no. 965, 44 p. 1948. 1 Ag84Te no. 965

Can farmers afford to live better? by Lowry Nelson. National planning association. Planning pamphlets no. 65, 32 p. 1948. 280.9 N2153 no. 65

The purpose of this pamphlet is to indicate where improvements are needed in American farm living, and to suggest that farmers plan to make these improvements rather than to buy the neighbor's farm. It is aimed at farm people. From their standpoint, it makes sense to spend the extra cash of boom times for better living conditions.

Cooperative corn fertility tests, 1947. Kansas. Agricultural experiment station Report of progress, Series C.E. no. 6, 8 p. 59.9 K134C

Development of the fetus in the dairy cow. U.S. Dept. of agriculture. Tech. Bul. no. 964, 34 p. 1948. 1 Ag84Te no. 964

Effects of cropping systems on yields and the nitrogen and organic carbon in the soil. Georgia Expt. Sta. Bul. 257, 20 p. 1948. 100 G29S(b) no. 257

Farmers' cooperative marketing and purchasing associations. North Dakota. Extension service. Cir. 191, 28 p. 1948. 275.29 N812 no. 191

Father-son farming plans. South Dakota. Agr. Expt. Sta. Bul. 390, 14 p. 1948. 100 So82B no. 390

Feeds for wintering bred ewes in South Dakota. South Dakota. Agr. Expt. Sta. Bul. 388, 8 p. 1948. 100 So82B no. 388

First aid for flooded homes and farms. U.S. Dept. of agriculture. AIS - 75, 19 p. Rev. 1948. 1 Ag84Ai no. 75

Fruits (noncitrus) production, farm disposition, value and utilization of sales, 1945-1947. 42 p. 1948. 1.941 H8F94 Issued by U.S. Bur. of Agric. economics

Handbook of cooperatives processing horticultural products, 1945-46 & 1946-47, by Anne L. Gessner. U.S. Farm credit admin. Cooperative research and service div. Misc. report 120, 28 p. 1948. 166.3 M68 no. 120

Inspection of commercial feeding stuffs, by F.W. Quackenbush and others. Ind. Agr. Expt. Sta. Cir. 339, 52 p. 1948. 100 In2P no. 339

Marketing margins and costs for poultry and eggs, by E.P. Winter. U.S. Tech. Bul. no. 969, 70 p. 1948. 1 Ag84Te no. 969

Nebraska hayfever weeds, by J. D. Furrer and E. L. MacQuiddy. Nebraska, Ext. service. E.C. 176, 25 p. 1948. 275.29 N272Ex no. 176

The Nevada hay bale stacker. Nevada. Agr. Ext. Serv. Bul. 95, Folder. 1947 275.29 N41 no. 95

New insecticides for grasshopper control. 7 p. 1948. 1.967 A2Ec1 (U.S.E.P.Q.)



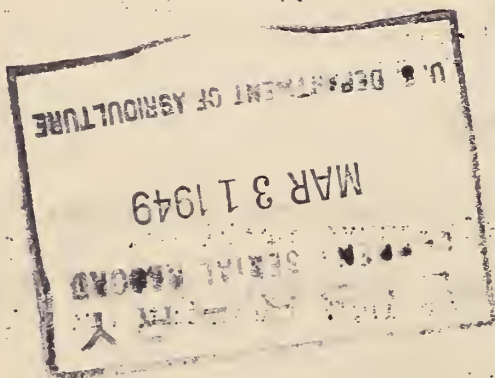
- Preliminary studies of surface arsenic occurring on some plants attractive to bees, by G. F. Knowlton and T. C. Yao. Utah. Agr. Expt. Sta. Mimeog. series 340, 3 p. 1947. 100 UtlMi no.340
- Soybeans in American farming. U.S. Dept. of agriculture. Tech. Bul. no.966, 66 p. 1948. 1 Ag84Te no.966
- Statistics of farmers' marketing and purchasing cooperatives 1945-46, by Grace Wanstall. U.S. Farm credit administration. Misc. report no.119, 54 p. 1948. 166.3 M68 no.119
- Strawberries in Nebraska, by C. C. Wiggans. Nebr. Agr. Expt. Sta. Cir. 11, 10 p. 1948. 100 N27(C) no.11
- Wheat production, farm disposition, and value, by states, 1909-44. U.S. Bur. of agricultural economics. Crop reporting board. 23 p. 1948 1.941 H2W563

#### MISCELLANEOUS

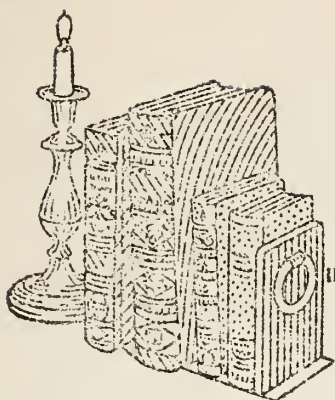
- Distribution of microorganisms in the soil as affected by plowing and subtil-ling crop residues, by Roy C. Dawson, V. T. Dawson and T. M. McCalla. Nebr. Agr. Expt. Sta. Res. Bul. 155, 26 p. 1948. 100 N27R no.155
- Forecasts of the population of the United States, 1945 - 1975. 113 p. 1947.
- The influence of length of storage of bovine semen on conception rate under field conditions, by A. B. Schultze and others. Nebr. Agr. Expt. Sta. Res. Bul. 154, 18 p. 1948. 100 N27R no.154
- Inventory of major land uses in the United States, by L. A. Reuss, H. H. Wooten and F. J. Marschner. U.S. Dept. of agriculture. Misc. pub. no.663, 89 p. 1948. 1 Ag84M no.663
- Packaging fruits and vegetables, by F. C. Gaylord and others. Ind. Agr. Expt. Sta. Bul. 530, 23 p. 1948. 100 In2P no.530
- Cost, palatability and consumer acceptance.
- Recreation for rural youth. Nebraska. Coop. Ext. work. Ext. Cir. 2006, 27 p. 1948. 275.29 N272Ex no.2006
- Some books about wood, compiled by the Forest products laboratory, U.S. Forest service. R399, 4 p. Rev. 1948. 1.9 F761R no.399
- Statistical services of the United States government. 49 p. Washington, D.C., U.S. Bur. of the budget, Div. of statistical standards, 1947. 151.281 St23
- Vegetable-seed storage as affected by temperature and relative humidity, by Eben H. Toole, V. K. Toole and E. A. Gorman. U.S. Dept. of agriculture. Tech. Bul. no.972, 24 p. 1948. 1 Ag84Te no.972

#### PERIODICAL NOTES

- A device for analyzing yields - short cut to yield-curve problems. Journal of farm economics 30(2): 357. May 1948.
- Making big ones out of little ones, by T. Swann Harding. Reprint from American journal of pharmacy, Feb. 1948, p.52-59.
- All about synthetic fivers interestingly told.
- A remarkable bean is the soy, by T. Swan Harding. A reprint from American journal of pharmacy, Jan. 1948, p.18-23.
- The many uses of soy beans by a writer who is always entertaining as well as informative.
- Tree planting on clay soils, by M. W. Day and T. C. Nelson. In Michigan state college, Agr. Expt. Sta., Quarterly bulletin 31(1): 28-34. Aug. 1948.







# LIBRARY NEWSLETTER

U. S. DEPARTMENT OF AGRICULTURE

LINCOLN BRANCH  
Rm. 313 Rudge & Wenzel Bldg.

Vol. 8, no.4  
April 1949

Telephone: 2-7241  
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## HOOVER COMMISSION REPORTS

Your Branch Library is receiving the reports of the Commission on organization of the executive branch of the government, popularly called the "Hoover Commission". These are available for loan. Please request by title. Those received to date are:

TASK FORCE REPORTS. (Reports of information prepared for the Commission)  
Federal personnel (Appendix A) 101 p. 1949.  
Federal supply system (Appendix B) 116 p. 1949.  
Records management (Appendix C) 48 p. 1949.  
Statistical agencies (Appendix D) 21 p. 1949.  
Fiscal, budgeting, and accounting activities (Appendix F) 110 p. 1949.  
Natural resources (Appendix L) 244 p. 1949.  
Agriculture activities (Appendix M) 1949.

## REPORTS TO THE CONGRESS.

Budgeting and accounting. 100 p. 1949.  
Dept. of agriculture. 1949.  
Dept. of the interior. 94 p. 1949.  
Office of general services, supply activities. 52 p. 1949.  
Personnel management. 59 p. 1949.  
Treasury department. 37 p. 1949.

## NEW BOOKS IN YOUR BRANCH LIBRARY

ACROSS THE WIDE MISSOURI, by Bernard DeVoto. 483 p. Houghton, 1947. 138 D49

This is the story of the mountain men in the climactic years 1833-38, the Rocky Mountain fur trade, the expedition headed by a Scottish sportsman Wm. D. Stewart, who had the foresight to take with him a talented young artist, Alfred J. Miller - and who brought back a unique pictorial history of the early West. This pictorial record is reproduced in the book, largely in color. The special significance of this book for conservationists lies in the picture of our country with all its wealth of natural resources intact,

BETTER LAWNS, by Howard B. Sprague. 205 p. Doubleday, 1945. 97.6 Sp7

This book is written by an internationally known expert on turf building and maintenance. It gives the needed facts for planning and maintaining lawns easily and efficiently. Specific directions, based on years of actual practical experience, for soil preparation, the selection of seed mixtures for





various types of soil and climatic conditions, the control of weed and insect pests, and general round-the-year care of the lawn are given. The text is abundantly illustrated with photographs and line drawings which aid the reader in solving his turf-making problems, and in identifying the different grasses by leaf and stem.

FARMER'S HANDBOOK, by John Marion White. 440 p. Univ. of Oklahoma press, 1948. 30.3 W58

Arranged in simple, easy-to-use form, this book has the scope of an encyclopedia and the utility of a handbook. Mr. White bequeaths to posterity the whole of an education gained "the hard way". It includes practical information ranging from field crops of all kinds, pastures, livestock care and management, soil and wildlife conservation to tables of weights and measures. Its value to the government "expert" who is called upon for advice in solving all sorts of problems, can be imagined. The statistical information, practical hints and valuable illustrative material have been gathered from many sources - U.S. Dept. of agriculture, agricultural colleges and experiment stations and directly from working farmers. Technical terms have been avoided as much as possible. Useful references to further information are frequently given.

GRASSLAND OF NORTH AMERICA, PROLEGOMENA TO ITS HISTORY, by James C. Malin. 398 p. The author, Lawrence, Kansas, 1947. 463.89 M29

The area chosen for this study is that part of the United States designated usually as the Trans-Mississippi West. In its natural state, when found by the European at the opening of the 16th century, the feature that gave character to most of the landscape, in contrast with the area east of the Mississippi River, was the vegetational cover of grass rather than forest. The work is scholarly, gives perspective and offers a new look at science and knowledge. A historian, also a resident of the region, comes to grips with vital grassland problems. One conclusion is that the "forest-corn" complex, supplemented by the "closed system" fostered by the thinkers of that tradition, has too long been like unto a millstone for the grasslands of America.

MALABAR FARM, by Louis Bromfield. 405 p. Harper, 1948. 31.3 B78M

Bromfield first told the world in Pleasant Valley (31.3 B78) how a tract of land in his native Ohio was reclaimed and made to bloom. In this book, Bromfield carries forward the narration of conservation on the farm, a story of interest to all who value our natural resources and want to know how to preserve them. Here is the day-by-day labor and planning at Malabar, told by a man who can make live, exciting drama out of the seeding of a field, the blooming of a bare, weedy hill, the development of a fine strain of cattle, the creating of a populous farm pond from a useless marsh. Malabar has that hopeful, human quality which is part of the magic Bromfield style. There are chapters which expand and carry out his long-established beliefs on the right and wrong way of farming, the farm as a wholesome way of life and the perils of famine which threaten great areas of the world and may even touch America.





PH AND PLANTS; AN INTRODUCTION FOR BEGINNERS, by James Small. 216 p. Van Nostrand co., 1946. 463.3 SmlP

The term pH is used throughout to replace the cumbersome term - Hydrogen-ion activity which is what is really measured and spoken of as hydrogen-ion concentration or degrees of active acidity. This book refers to pH and plants, discusses coffee cultivation, pH and propagation by cuttings, and Small's theory of acidity in fruit juices, pH in pectin substances and application in the manufacture of jams and jellies and their ability to set satisfactorily. British text with selected bibliography.

PLOWSHARES INTO SWORDS; AGRICULTURE IN THE WORLD WAR AGE, by Arthur P. Chew. 227 p. Harper, 1948. 281 C42

Arthur Chew develops the idea that wars arise as a result of the struggle between industrial nations in their effort to maintain connections with enough farms to provide the food and raw materials essential to the prosperity of the industrial population. How, when and where an imbalance of world rural-urban relations occurs and the ways in which it can be corrected are here fully studied. Mr. Chew is Information specialist with the U.S. Dept. of agriculture.

"The polished urbanity and crystal clarity of his style make this strongly philosophical little book easy reading. The entire book, which is suggestive, illuminating, and profound, must be read with care to unfold the argument for the author's thesis. Such reading we strongly recommend." -USDA Oct.25, 1948.

PROPER STUDY OF MANKIND, AN INQUIRY INTO THE SCIENCE OF HUMAN RELATIONS, by Stuart Chase. 311 p. Harper, 1948. 280 C38Pm

Here are the findings of many scientists about human behavior, presented for the first time comprehensively and in popular form. Can the scientific method be applied to human relations? Is social science science, and how can it help us attack the problems of the atomic age? Mr. Chase points out how social science can help in specific problems of labor relations, race prejudice, business cycles, education, communication between individuals and groups, and war and peace.

E. H. Graham, SCS, Washington, D.C. recommends the book and says it ties in with the social science aspects and group action of the Soil Conservation Service program.

RESPONSE OF CROPS AND SOILS TO FERTILIZERS AND MANURES, by William Baker Andrews. 459 p. State College, Miss., 1947. 57.07 An2

Prior to 100 years ago farmers used crop rotations, green manures, and other organic materials to supply nitrogen to crops. At the present time the available nitrate of soda from Chile, sulphate of ammonia from coal, and the synthetic sources of nitrogen, two of which, cyanamid and anhydrous ammonia are treated in special chapters in this book. Equipment for the application of anhydrous and aqua ammonia are discussed in a special chapter. The response of crops to other fertilizers, such as lime, phosphorus and soda is given. The author discusses also: Fertilizing ponds for fish production, The effect of fertilizers on the yield and feeding value of hay and pasture crops. The information on nitrogen is especially recommended by R.O.Lewis, SCS.

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# "OUR IMPERILED RESOURCES"

The Herald Tribune of New York City published an up-to-date list of books on conservation. The three books Our plundered planet, Road to survival and A Second look have long waiting lists but the others are available for loan. Why not read some of this excellent conservation material while waiting for the popular three? A special effort was made to obtain the books recommended so several titles are new. Following is the list with library call numbers:

Across the wide Missouri, by Bernard DeVoto. 138 D49  
 Agricultural testament, by Sir Albert Howard. 56.6 H83A  
 American farmer, by Lee Fryer. 281.12 F94  
 American land, by Wm. H. Van Dersal. 282.12 V28  
 America's needs and resources, by J.F. Dewhurst & associates. 280.12 D512  
 As you sow, by Walter Goldschmidt. 281.010 G57  
 Conservation of national resources, by Geo. T. Renner. 279 R29C  
 Deserts on the march, by Paul Sears. 277.12 Sel  
 Earth's green carpet, by Louis E. Howard. 30 H83 1947a  
 Farm Bureau through three decades, by O. M. Kile. 4 Am31Fb  
 Farming and democracy, by A. Whitney Griswold. 281 G88  
 Food for the world, ed. by Theodore W. Schultz. 389 Sch8  
 Grass, The Yearbook of agriculture, 1948. U.S. Dept. of Agriculture.  
 1 Ag84Y  
 Land and wildlife, by Edward H. Graham. 282.12 G76  
 Land renewed, by Wm. R. Van Dersal and E. H. Graham. 56.7 V28  
 Malabar farm, by Louis Bromfield. 31.3 B78M  
 Natural principles of land use, by Edward H. Graham. 282 G76  
 Our living forests, by Joseph T. Hazard. 99.61 H33  
 Our plundered planet, by Fairfield Osborn. 279 Osl  
 Palestine, land of promise, by Walter C. Lowdermilk. 280.187 L95  
 Pleasant Valley, by Louis Bromfield. 31.3 B78  
 Plowman's folly, by Edward H. Faulkner. 56.7 F27  
 Plowshares into swords, by Arthur P. Chew. 281 C42  
 Rainfall and runoff, by E. Foster. 340 F81  
 Road to survival, by Wm. Vogt. 279 V86  
 Second look, by Edward H. Faulkner. 56.7 F27S  
 Soil conservation, by Hugh Hammond Bennett. 56.7 B43S  
 Soils and soil management, by A. F. Gustafson. 56.7 G97S  
 Soils physics, by L. D. Baver. 56.43 B32 (Ed.2)(Lincoln has only 1st ed.)  
 Soils that support us, by Charles E. Kellogg. 56 K29  
 Southern horizons, by Wm. Haynes. (Available by interlibrary loan)  
 Using and managing soils, by A. F. Gustafson. 56.7 G97U

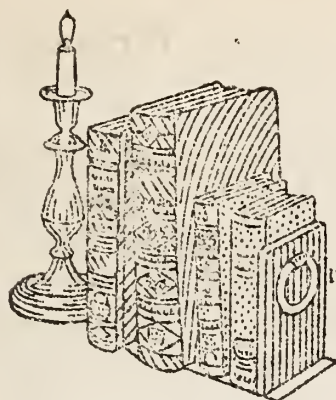
## DATE DUE

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# LIBRARY NEWSLETTER

U. S. DEPARTMENT OF AGRICULTURE

LINCOLN BRANCH  
Rm. 313 Rudge & Guenzel Bldg.

Vol. 8, no.5  
May 1949

Telephone: 2-7241  
Ext. 336

"A book in the hand is worth ten on the shelf, -  
You make what you read in it part of yourself."

Ann Wakely Jackson.

## NEW BOOKS IN YOUR BRANCH LIBRARY

DIAGNOSTIC TECHNIQUES FOR SOILS AND CROPS, THEIR VALUE AND USE IN ESTIMATING THE FERTILITY STATUS OF SOILS AND NUTRITIONAL REQUIREMENTS OF CROPS, by Firman E. Bear and others. 308 p. American Potash Institute, 1948. 395 B38D

Since the beginning of agricultural chemistry, one of the chief problems has been the determination of the fertilizer needs of the soil. The authors of this book, all eminent scientists in their respective fields, bring together in this one volume what is known about diagnosing soil and crop for greatest production. There are detailed discussions of the underlying theories and the practical applications of the various techniques that are employed in the testing of soils and plants for nutrient deficiencies, such as: chemical methods, correlation of soil tests with crop response, operation of a state soil-testing service, operation of an industrial service laboratory, plant-tissue tests, plant analysis methods and interpretations, biological methods and visual symptoms of malnutrition. There are valuable lists of references and numerous illustrations.

EXPLORING OUR NATIONAL PARKS AND MONUMENTS, by Devereux Butcher. 160 p. Oxford University press, 1947. 98.6 B97

Over 12,000,000 acres of land, lake and forest from the 24 National Parks and 38 Nature monuments stretch from Maine to California, from Alaska to Florida. To enjoy the parks and monuments to the fullest, and to give the kind of information that will help conservationists and biologists to study wildlife and forests in the natural state protected from destructive influences, this book is made available. It is the only guide book authorized by the National Parks Association. The following important features are given:

A complete description of each park and nature monument - including wildlife.

Full information on how to reach each area by railroad and motor, with a double-page map of the United States, showing exact locations.

Accommodations are listed.

One hundred and seventy photographs of scenery, birds, animals and plants.

Because of inquiries, attention is directed to AR 2, Section 7.

Allotment is exhausted for the current year but the estimate of binding for official use will go in July 1, for the next fiscal year.



FARM BOOK, A GUIDE TO BETTER FARMING WITH BETTER BUILDINGS. 94 p. Portland, Or., West Coast Woods, 1947. 296 F222

"Do you know how farm buildings can make money? Do you know how much a dairy cow, a beef cow, sow, or hen can pay for the use of a building? Do you know about the newest labor-saving methods and improvements - for example, how one man can raise 400 hogs with only two months of work? These and many other basic facts are on the pages which follow. Now, for the first time, tested methods, figures and facts for planning new buildings and remodeling the old ones are available..." - Preface.

FARM GLOSSARY; DEFINITIONS OF WORDS AND PHRASES USUALLY ENCOUNTERED IN READING LITERATURE DEALING WITH AGRICULTURE AND ITS ALLIED SCIENCES, by Lawrence S. Wolfe. 360 p. Orangeburg, S.C., 1948. 30.1 W83

This book is not offered as an exhaustive or technical presentation covering agriculture and its allied sciences, but is thought to be comprehensive enough to be of real value to agricultural workers, farm radio program directors and professional agriculturists. Many of the words and phrases defined are those used in college bulletins and other farm publications and are designed to make these better understood. Among the words are those used in writing about agronomy, horticulture, animal husbandry, agricultural engineering, entomology and home economics. Some biography of those who have contributed to the various sciences closely related to agriculture is included as well as references to the gods and goddesses of mythology who have direct connection with lore of rural life.

GREEN FARM, by Ralph E. Blount. 62 p. Exposition press, 1947. 281.2 B622

The scene of this book is a country retreat in Kansas, where devotion and honest toil created for one man and his family the satisfaction and happiness that only a country life can bring.

GROWTH REGULATORS FOR GARDEN, FIELD AND ORCHARD, by John W. Mitchell and Paul C. Marth. 129 p. University of Chicago press, 1947. 90.11 M69

Now and tested ways of using plant hormones or growth-regulating chemicals for weed control, vegetable propagation and transplanting, prevention of growth in a stored plant material, ripening fruit, improving fruit-set and the production of seedless fruit and other purposes. It tells how to kill lawn weeds, ragweed and poison ivy, how to make your favorite cuttings root quickly, how to prevent fruit drop, and improve the yield and quality of your tomatoes. A list of available chemicals with trade names and manufacturers makes this book particularly useful.

KANSAS WILD FLOWERS, by Wm. Chase Stevens. 463 p. U. of Kans., 1948. 455.72 St4

761 photographs show about 500 species in both natural settings and close-up views. Detailed descriptions to make identification easy and sure are also given as well as lore from old herbals and interesting discussions of the uses of plants among the pioneers and the Indians. The book contains explanations of the origins of scientific names and a glossary of technical terms.

QUICK RETURN METHOD OF COMPOST-MAKING, by Mayo E. Bruce. Gardener's book club. Organic gardening series. Ser.2, no.4, 92 p. Emmaus, Pa., 1946. 56.9 Or3



A practical publication written simply in popular style. The author tells how a rich black mold of compost was made from lawn clippings and a few leaves between July 5 and July 18, using no manure, just plant activators. Some of the subjects discussed are: Soil and conservation through compost, Health and soil fertility, Protection against rain, Weeds and their use, Pest resistance, Quality of crops, Effect on human health.

ROCKY MOUNTAIN FLOWERS; AN ILLUSTRATED GUIDE FOR PLANT-LOVERS AND PLANT-USERS, by Frederic E. Clements and Edith S. Clements. 3d ed. H. W. Wilson, 1945. 390 p. 455.8 C59 Ed.3 1945.

The range of the book includes Wyoming, most of Montana and Western North and South Dakota, Nebraska and Kansas so it is of special interest to the region served by this library. It is profusely illustrated with line drawings and plates in color which make possible the recognition of a number of common plants by the person without botanical training. Descriptions give full information for proper identification. The arrangement is by families with a key to them. There is also a glossary. Although the book is concerned primarily with flowers, the grass and pine families are also given.

ROCKY MOUNTAINS, THE, by Wallace W. Atwood. 324 p. Vanguard, 1945. 125 At9

Dr. Atwood, foremost authority on the Rocky Mountains, tells the story of our most magnificent mountain area from the point of view of the geographer, geologist and outdoorsman. This book takes the reader on an exhilarating camping trip while he learns the origin and growth of the Rockies. There are tales of the first white settlers, of the mining days and of ranchmen as well as a history of the building of the mountain range best known in this region.

STONE MULCHING IN THE GARDEN, by J. I. Rodale. 164 p. Rodale press, 1949. 57.1 R61

Mulching with stones, forgotten for two thousand years, is again coming into its own, bringing renewed vigor to soils and plants. This book provides the background and methods of stone mulching. Some attention is given to the origin of different kinds of soils from as many different kinds of rocks, but the principal theme concerns stones as mulching materials or as helpful nurses and gives examples of their occurrence in nature. Recent studies have shown that stone mulches preserve soil moisture, protect the surface soil from the erosive action of water, allow the free run of the roots of vines and trees, protect the roots and soil organisms against light, prevent the growth of weeds, act as a temperature regulator, and undergo slow decomposition to provide plants with important nutrient elements." - Book jacket.

THOMAS JEFFERSON'S GARDEN BOOK 1766-1824, with relevant extracts from his other writings. 704 p. Amer. philosophical Soc. Mem. V.22, 1944. 500 P533M

The varied entries in the Garden Book not only show us what Jefferson was doing, and planting at Monticello, Poplar Forest, and his other estates, but also give us a clue as to his interests in introducing new plants and in improving farming, horticulture, viticulture and many other aspects of the rural life of his time. The gardens and groves at Monticello became experimental plots where new plants were introduced and nurtured, and if they were found suitable for use or ornament, they were passed on to interested neighbors and friends in various parts of the country. That these interests at



Monticello were also tied up with the agricultural and horticultural needs of the United States is shown. In summarizing what he considered his most important services to man, Jefferson mentions the introduction of the olive tree and dry rice into South Carolina.

Jefferson began the Garden book in 1766 and continued it until the autumn of 1824, two years before his death. The book that began as a diary of the garden became a written repository for numerous interests of Jefferson. The entries range from contracts with overseers, plans for building roads and fish ponds, and observations on the greatest flood in Albemarle, to comments on Mrs. Wythe's wine and figures on the number of strawberries in a pint measure. Here is revealed what was probably the most absorbing of all the interests of one who was Governor of Virginia, Secretary of state, President of the U.S. and founder of the University of Virginia. He was possessed of a love of nature so intense that his observant eye caught almost every passing change in it. And whatever he saw rarely escaped being recorded. So we know when the first purple hyacinth blooms in the spring, when peas are up, when they blossom and when they are ready for the table.

TRACTOR FIELD BOOK WITH POWER FARM EQUIPMENT SPECIFICATIONS. 1948-49. 320 p.  
Farm Implement News co., 1949. 58 T672 1948

TRANSACTIONS OF THE AMERICAN SOCIETY OF CIVIL ENGINEERS. Vol. 113, 1948.  
290.9 Am3P Trans.

Among the papers included in this volume are: Underground conduits - an appraisal of modern research, Forecasting productivity of irrigable lands, River infiltration as a source of ground water supply, Classification and identification of soils, Investigation of drainage rates affecting stability of earth dams, Application of geology to tunneling problems.

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RECENT PAMPHLET MATERIAL

CONSERVATION

Conservation in action. U.S. Fish and wildlife service. 156.2 C76  
no.1. Chincoteague, a national wildlife refuge. 18 p. 1947.  
no.2. Parker River, a national wildlife refuge. 14 p. 1947.  
no.3. Federal duck stamps and their place in waterfowl conservation. 14 p.  
no.4. Mattamuskeet, a national wildlife refuge. 9 p. 1947.  
no.5. Guarding our wildlife resources. 46 p. 1948.  
no.6. Okfenokee, a national wildlife refuge. 9 p. 1948.  
Contour farming. Kans. Ext. Serv. Cir. 67, 20 p. 1947. 275.29 K13ExM no.67  
Drainage districts in Utah, their activities and needs. Utah. Agr. Expt. Sta.  
Bul. 333, 64 p. 1949. 100 Ut1(b) no.333  
Issued in cooperation with U.S. Soil conservation service.  
Investigations in erosion control and the reclamation of eroded land at the  
Upper Mississippi Valley Conservation Experiment Station near La Crosse, Wis.  
1933-43. U.S. Technical Bul. no.973, 87 p. 1949. 1 Ag84Te no.973  
Laying off rows by the string method. No. Carolina. Ext. Serv. Cir. no.329,  
11 p. 1948. 275.29 N811 no.329  
Reclamation of saline-alkali soils by leaching, Delta area, Utah. Utah. Agr.  
Expt. Sta. Bul. 335, 52 p. 1948. 100 Ut1(b) no.335  
Strip cropping. 11 p. Portland, Or., 1948. 1.9609 St8  
Issued by U.S. Soil conservation service. Pacific Coast region.



# FARMING INTERESTS

- Baby chicks - start them right, Nebr. Ext. Serv. Cir. 1492, 12 p. 275.29 N272Ex
- Barley marketing in North Dakota, by L.W.Schaffner. N. Dak. Agr. Expt. Sta. Bul. 352, 24 p. 1948. 100 N813B no.352
- Commercial family-operated cattle ranches, Intermountain region. 1930-47, organization, costs, and returns. U.S. Bur. of Agr. economics. F.M.71, 29 p. 1948. 1.941 L6F22 no.71
- Conditioning and storing corn. Nebr. Ext. Serv. E.C. 738, Rev., 16 p. 1948. 275.29 N272Ex no.738
- Control of noxious perennial grasses with the trichloroacetates, by G.L.McCall and J.W. Zahnley. Kans. Agr. Expt. Sta. Cir. 255, 8 p. 1949. 100 K13Sc
- Controlling the Japanese beetle. U.S. Dept. of agr. Farmers' Bul. no.2004, 14 p. 1949. 1 Ag84F no.2004
- Cornerrib construction, by E.A. Olson. Nebr. Ext. Serv. E.C. 739, 9 p. 1948. 275.29 N272Ex no.739
- Cost of operating machinery on Nebraska farms. Nebr. Agr. Expt. Sta. Bul. 391, 35 p. 1948. 100 N27(b) no.391
- Effect of Holstein birthweight on calf gain and final weight, by H.S. Willard. Wyoming. Agr. Expt. Sta. Bul. no.286, 14 p. 1948. 100 W99B no.286
- Electricity comes to Rural America, farming the modern way. 23 p. 1947. Issued by U.S. Rural electrification administration. 1 R66E
- Farm costs and returns, 1945-47, commercial family-operated farms in 6 major farming regions, by Wylie D. Goodsell. U.S. Bur. of agricultural economics. F.M. 70, 18 p. 1948. 1.941 L6F22 no.70
- Gardenia culture. U.S.D.A. Leaflet no.199, 8 p. 1948. 1 Ag84L no.199
- Growing the winter wheat crop. Nebr. Agr. Expt. Sta. Bul.389, 32 p. 1948. 100 N27(b) no.389
- Maintaining farm ownership by father-son farm transfers. Kans. Agr. Expt. Sta. Agr. economics report no.37, 20 p. 1949. 281.9 K132 no.37
- Nebraska tractor tests - 1920-1948. Nebr. Agr. Expt. Sta. Bul. 392, 51 p. 1948. 100 N27(b) no.392
- Plains barley. S.D. Expt. Sta. Cir. 74, 3 p. 1948. 100 So82(c) no.74
- Planning the electric water system and plumbing for your farmstead. U.S.D.A. Misc. Pub. no.674, 15 p. n.d. 1 Ag84M no.674
- Portable electric home milk pasteurizers, Nebr. Expt. Sta. Res. Bul. 157, 19 p. 100 N27R no.157
- Poultry management. Kans. Expt. Sta. Cir. 244, 78 p. 1948. 100 K13Sc
- Producing high corn yields. Nebr. Ext. Serv. E.C. 114, 30 p. Rev. 1949 275.29 N272Ex no.114
- Production of drug and condiment plants. U.S.D.A. Farmers' Bul. no.1999, 99 p. 1948. 1 Ag84F no.1999
- Illustrated bulletin telling how to grow, harvest and market herbs with a description of each of the species discussed.
- Ryegrasses. U.S.D.A. Leaflet no.196, 8 p. 1948. 1 Ag84L no.196
- Seed and soil treatments for vegetable crops grown in Nebraska. Nebr. Agr. Expt. Sta. Cir. 86, 19 p. 1948. 100 N27(c) no.86
- Soil fumigation for nematode and disease control, Cornell Univ. Agr. Expt. Sta. Bul. 850, 32 p. 1948. 100 N480(b) no.850
- South Dakota crop varieties, recommendations and descriptions. S.D. Ext. Serv. Cir. 449, 15 p. 1949. 275.29 So85(c) no.449
- Vetch culture and uses. U.S.D.A. Farmers' Bul. 1740, 23 p. 1949. 1 Ag84F
- Water and sewage systems for the farm. S.D. Agr. Ext. Serv. Cir.446, 24 p. 1949. 275.29 So85(c) no.446
- Whys and hows of cereal seed treatment. Nebr. Ext. Serv. E.C. 1809, 8 p. 1949. 275.29 N272Ex no.1809



## FORESTRY

- Effect of timber cutting on water available for stream flow from a lodgepole pine forest, U.S.D.A. Tech. Bul. no.968, 43 p. 1948. 1 Ag84Te. no.968
- Effects of defoliation on growth of certain conifers, a summary of research literature, U.S. Forest service. Northeastern forest experiment station. Station paper no.22, 12 p. 1949. 1.9622 N2St22 no.22
- Forests and national prosperity, a reappraisal of the forest situation in the United States. U.S.D.A. Misc. Pub. no.668, 99 p. 1948. 1 Ag84M no.668
- Reemphasizes the declining supply and quality of saw timber, and clearly states the position of the Forest Service with respect to a national forestry program.
- Industrial forest management in the Pacific Northwest as influenced by public policies, by W.B. Greeley. Duke University. School of forestry. Lecture no.7, 15 p. 1948. 9919 D88S no.7
- Thirty-nine years' growth in a cut-over larch stand, by Arthur L. Roe. U.S. Forest service. Northern Rocky Mountain forest and range experiment station. Research note 70, 6 p. 1948. 1.9622 N3R31 no.70
- 

## PERIODICAL NOTES

Journal of the American society of agronomy is now AGRONOMY JOURNAL.  
Survey graphic has also changed title and is now THE SURVEY.

Publication of the JOURNAL OF AGRICULTURAL RESEARCH will be suspended after the issue of June 15, 1949 which will complete Vol. 78.

The April 1949 issue of Farm equipment retailing features the spraying war on crop pests.

Coming readjustments in agriculture - domestic phases, by John D. Black. In Journal of farm economics 31(1,part1): 1-28. Feb. 1949.

Grasshoppers. Grasshoppers are tough six-legged animals, by T.E. Robb. Wyoming stockman-farmer 55(4): 5, 23. April 1949. All about them.

Corn borer. In stalks the borer, by Carl Deitemeyer. Nebraska farmer 91(7): 1,7,22,23. April 2, 1949. All about the corn borer.

Methods of evaluating soil conservation measures, by E.L. Sauer. J. of farm economics. Proc. 31(1,pt.2): 655-659. Feb. 1949.

-----What John Smith needs to know about the benefits and costs of soil conservation, by H.B. James. pp. 651-654.

Range ripping means more grass, by A. W. Emerson, SCS. Western livestock J. 27 (22): 26-27, 52-55. March 15, 1949.

TCA, a new chemical, kills harmful grasses and cactus, by E.L. Brandner. Western farm life 51(5): 19. March 1, 1949. (Trichloracetate)

Twilight for wildlife, by Ira N. Gabrielson. Amer. forests 55(3): 12-13, 34-38.

"It all depends, says this eminent authority, on the pattern of land use we follow, particularly in agricultural areas."

Weed control with chemicals. Dakota farmer 69(9) 10-12, 14. May 7, 1949.  
(A symposium of articles by county agents)



## IMPORTANT NOTICE

### WHAT ARE YOUR LIBRARY NEEDS?

Miss Mildred Benton, Chief of the Division of Field Library Services is making a survey of the needs of U.S. Dept. of agriculture personnel in field offices for budgetary and staffing purposes.

What additional books and periodicals other than those now being received, do you need for keeping informed of agricultural programs developments and methods?

Do you need more extensive reference and bibliographic service?

If so, in what connection and for what purposes?

What service now received by the library do you consider most essential?

A

Are there other service you believe the library could and should supply?

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The following is a list of the names of the persons who have been elected to the office of the President of the United States since 1789.

The first President of the United States was George Washington, who served from 1789 to 1797.

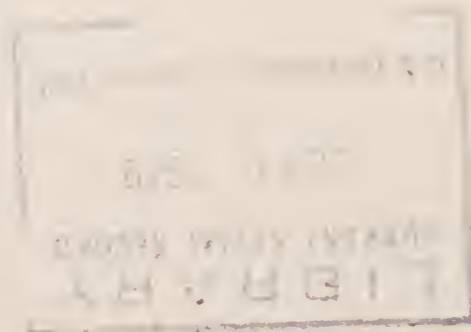
He was followed by John Adams, who served from 1797 to 1801.

Thomas Jefferson served from 1801 to 1809.

James Madison served from 1809 to 1817.

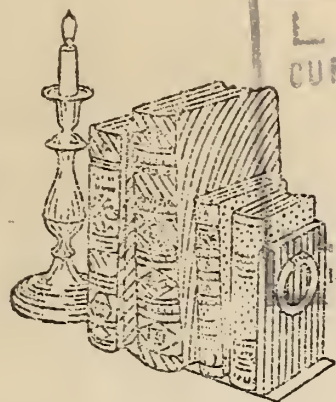
James Monroe served from 1817 to 1825.

John Quincy Adams served from 1825 to 1829.





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# LIBRARY NEWSLETTER

U.S. DEPARTMENT OF AGRICULTURE

LINCOLN BRANCH  
Rm. 313 Rudge & Guenzel Bldg.

Vol. 8, no.6-7  
June - July 1949

Telephone: 2-7241  
Ext. 336

"The man who does not read good books has no advantage over the man who can't read them." - Mark Twain.

## NEW BOOKS IN YOUR BRANCH LIBRARY

**BUSINESS OF FARMING**, by Herrel DeGraff and Ladd Haystead. 244 p. University of Oklahoma Press, 1948. 281.12 D362

This book is concerned with four phases of farm management - soil, equipment, labor and farm organization. The accent is on the dollars and cents problems of successful farm management. Due to the wide range of observation and considerable practical experience of the authors this is not a localized or theoretical text. DeGraff and Haystead have succeeded in making this an interesting and informative book.

"Technological advances are changing farming at a rate never seen before in all history. New machines, strains, and techniques are very truly limiting - but not eliminating - the gamble in agriculture. Fundamentals are not changing. We are merely learning more about them. When you strip the verbiage from tomorrow's newest 'revolutionary theory', more than likely you will find something that may add to your understanding but probably will not greatly shake your faith in the three fundamentals of soils, plants, and animals, and the person who does the job."

**COMMON EDIBLE MUSHROOMS**, by Clyde M. Christensen. 124 p. University of Minnesota, 1943. 462.5 C46

An outstanding manual that fills a definite need for all those who have an interest in the identification of fleshy fungi. Botanists, biologists, foresters, mycologists will find this key invaluable. It is amply illustrated with photographs and color plates.

**CROP MANAGEMENT AND SOIL CONSERVATION**, by Joseph F. Cox and Lyman E. Jackson. 2d ed. Wiley, 1948. 64 C83C Ed.2

Used in its first edition by the Armed Forces Institute for instructional work at home and abroad, this book has been completely revised. Full coverage is given to the basic problems of soil conservation, fertilization, crop production and its management. New conservation practices, information on the latest methods of weed and insect control, seed improvement, and crop varieties are given ample consideration. Food production, wild life protection and fish culture on the farm receive considerable attention also. The purpose of the book is to present practices and methods of conservation of soils and other agricultural resources, tying these in with forms of successful management.



EARTH'S GREEN CARPET, by Louise E. Howard. 258 p. Rodale, 1947. 30 H83

The main theme of this book is the danger to the national health in using chemical fertilizer on the land. Man's existence depends on the use he makes of the earth's green carpet. The author writes on the subject suggested by the title: life's cycle studied as a whole. This leads to the importance of a reformed agriculture for the health of the community. The book is vividly written. You can almost see the scramble for food and life amongst the soil bacteria, the plants jostling each other for a place in the sun, and above all, nature trying to anchor and hold in its place the precious top layer of soil. It is secured only because Nature returns to the soil all her wastes, practices complete conservation and complete continuity. There is a regular cycle which never stops. - Book jacket. (This is one of the conservation books on the N.Y. Herald Tribune list given in our April Newsletter).

FOREST PROTECTION, by Ralph C. Hawley and Paul W. Stickel. 2d ed. 355 p. Wiley, 1948. 99.5 H31 Ed.2

This is the only complete American book covering all phases of forest protection. It emphasizes safeguards from fire, and includes material on all other aspects of forest protection: injurious plants, insects, domestic animals (grazing), wildlife, atmospheric agencies and man. The fire problem is considered in its entirety: causes, character of forest fires, detection, equipment and personnel, insurance and fire-control policy as well as control procedures.

GARDEN SOILS, THEIR USE AND CONSERVATION, by Arthur Bishop Beaumont. 280 p. O. Judd Pub. co., 1948. 56.7 B382

This book was written to supply information needed by the vegetable and flower gardener to take advantage of scientific advances. Through the book runs the thread of conservation - the use of soil, water and organic matter for improved gardening. The author's motive was to bridge the gap between the many excellent books on soil science and those on the culture of vegetables. A glossary explains the scientific terms which the author could not avoid using. The broad principles of soil management covered can be applied equally well in any part of the U.S. The book is intended primarily for use in connection with vegetable gardening but also pertains to the growing of flowers. - From the review in Western farm life, Dec. 15, 1948.

MIDWEST AT NOON, by Graham Hutton. 350 p. Univ. of Chicago, 1946. 125 H973

"Here is the Midwest, land of fruitful soil, sprawling cities, and exuberant people. Here is the heart of a great agricultural and industrial empire - the essence of its past and present, and a forecast of its future."

Graham Hutton came to the United States from England in 1937, and, as director of the Office of British information, lived in the Midwest during the years when its people were deciding to think and act internationally. This book, written on a Newberry Library fellowship, is the informal and enthusiastic record of what he saw and thought of the Midwest. Mr. Hutton delves into the early settling of this area and the frontier influence to find the foundations of its basic tendencies and modes of thought. He describes a people who today enjoy the highest average living standard in the world, whose tolerance and hospitality have become proverbial, and who are facing soberly the problems of a complex industrial-rural economy. Mr. Hutton excludes the Dakotas, Nebraska and Kansas from the Midwest proper but includes the eastern portions in the "dry-weather" marginal belt.

IS YOUR NEWSLETTER FILE COMPLETE? DO YOU WISH EARLIER ISSUES?



ORGANIC FRONT, THE, by Jerome I. Rodale. 199 p. Rodale, 1948. 56.6 R610

Mr. Rodale is concerned with the relation of health to the soil and the problem of chemical versus organic fertilizers. "Humus is the spirit of the soil. It grows whole plants and healthy people." Some chapter headings are: How to make compost, The organic forest, Do chemical fertilizers kill earthworms?

OUR LIVING FORESTS, THE STORY OF THEIR PRESERVATION AND MULTIPLE USE, by Joseph T. Hazard. 302 p. Seattle, Superior Pub. co., 1948. 99.61 H33

Forests, developed under modern forestry, may be as beautiful, even more dependable, and certainly more valuable when utilized for the seven forest needs of mankind. The author lists the seven major fields to be considered in the multiple use of our living forests: the forest industries; the grazing of flocks and herds; prospecting and mining; water resources; wild life and game; recreation; rest, relaxation, and health-seeking. The multiple use of trees and forests is the message of this book. Fun in forests works out well with their industrial and commercial use. It demands both feeling and thinking to understand and to invite forest cooperation. In no other field of natural resources are balance and tolerance more essential. - Preface.

The final chapter on Conservation of forests through their multiple use gives the author's views on this important subject. This is another conservation book on the N.Y. Herald Tribune list.

PRODUCTION OF FIELD CROPS, A TEXTBOOK OF AGRONOMY, by T. B. Hutcheson, T. K. Wolfe and M.S. Kipps. 3d ed. 430 p. McGraw-Hill, 1948. 64 H97 Ed.3

Many changes in the development of the crops industry have taken place since the last revision of this book. Crop yields are steadily rising; farming has been more thoroughly mechanized; much of the drudgery of farm work has been eliminated; and in many cases profits have increased. The authors made an effort to revise or omit old material and add new material. Many chapters were almost completely rewritten. All USDA people who work with farmers will be glad to know about this revision of a classic standby.

TAYLOR'S ENCYCLOPEDIA OF GARDENING, HORTICULTURE AND LANDSCAPE DESIGN, ed. by Norman Taylor. 2d ed., rev. and enl. of the Garden dictionary. 1225 p. American garden guild, 1948. 90.01 T21 Ed.2

This is a comprehensive encyclopedia of gardening in dictionary form. The guiding principle throughout the preparation of the book was - expert knowledge and advice translated into the simplest possible terms. Under the name of each state appears an account of the garden possibilities, soils and climate, together with an outline map showing where the zones of hardiness cross the area, the significant frost data, the length of the growing season, and the rainfall when this is low enough to be a critical factor. Climatic aids or obstacles, and the different crops suited to each state - flowers, fruits, vegetables and trees are also given. New subjects are: soilless gardens, plant hormones, garden tours, pest control, storage and deep freezing of vegetables.

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Agricultural economics research. Q. A new periodical for professional readers issued by U.S. Bur. of agricultural economics. Signed articles on results of research by BAE; new research methods; new areas of research or statistical fact-gathering. Book reviews are included and a section listing recent publications in agricultural economics research. Notify the library if you wish to examine a copy or see it on circulation.



## RECENT PAMPHLET MATERIAL

CONSERVATION

- Books dealing with soil and water conservation and related subjects. 6 p.  
 U.S. Soil conservation service. 1949. 1.9601 B64 (A bibliography)  
 Flow of water in channels protected by vegetative linings, by W.O. Ree, SCS,  
 and V.J. Palmer, SCS. U.S.D.A. Tech. Bul. no.967, 115 p. 1949. 1 Ag84Te  
 Soil moisture and wheat yields on the High Plains, by H.H. Finnell, SCS. U.S.  
 D.A. Leaflet no.247, 8 p. 1949. 1 Ag84L no.247  
 What drainage and flood control mean to utilization of our land, abstract  
 of discussion by John G. Sutton. U.S. Soil conservation service, 1948. 4 p.  
 1.96 R31Wh

FARMING

- Diseases of cabbage and related plants. U.S. D.A. Farmers' Bul.no.1439, 38 p.  
 1949. 1 Ag84F no.1439  
 Economics of alfalfa seed production in Kansas. Kansas. Agr. Expt. Sta.  
 Agricultural economics report no.36, 32 p. 1948. 281.9 K132 no.36  
 In cooperation with the U.S. Bur. of agricultural economics.  
 Farm organization and production requirements in selected irrigated areas,  
 Montana. Agr. Expt. Sta., Bul. 453, 36 p. 1948. 100 M76(b) no.453  
 Father-son business arrangements, by C. Brice Hatchford and Charles E. Clark.  
 N.C. Ext. Service. Ext. Cir. no.330, 20 p. 1948. 275.29 N811  
 Hamster raising. U.S.D.A. Leaflet no.250, 6 p. 1948. 1 Ag84L no.250  
 Home fruit production in Kansas. Kansas. Ext. Serv. Cir. 34, 5 p. 1948.  
 275.29 K13ExM no.34 Contains a spray schedule.  
 Home vegetable gardening in the Central and High Plains and Mountain Valleys.  
 U.S.D.A. Farmers' Bul. no.2000, 98 p. 1949 1 Ag84F no.2000  
 The area includes Wyoming, Southwestern S.Dakota, Western Nebraska and  
 Northwestern Kansas.  
 Influence of climate on animal production and its effects on human nutrition,  
 by J. C. Bonsma. 9 p. Union of So. Africa, 1948. Repr. from The Leech,  
 April 1947.  
 Landscape your farm or ranch, by W. O. Edmondson. Wyoming. Agr. Ext. Serv. Cir.  
 104, 46 p. 1949. 275.29 W99C no.104  
 This pamphlet covers not only plans for improved appearance but gives infor-  
 mation on what kinds of plants to use, transplanting and care, soils, weeds,  
 fences and gates.  
 Legume inoculation: What it is; What it does. U.S.D.A. Farmers' Bul. no.2003,  
 20 p. 1948. 1 Ag84F no.2003  
 Mink raising. U.S.D.A. Cir. no.801, 42 p. 1948. 1 Ag84C no.801  
 Multiflora rose as a living hedge fence. Missouri. Agr. Expt. Sta. Bul. 517,  
 11 p. 1948. 100 M693 no.517  
 Pasteurizing milk at home. Wyoming. Agr. Ext. Serv. Cir. no.106, 4 p. 1949.  
 275.29 W99C no.106  
 Plant living fences of multiflora rose, practical, colorful, economical. 2 p.  
 U.S. Soil conservation service. 1948. 1.9605 P695  
 Potatoes for livestock feed. U.S.D.A. Misc. Pub. no.676, 45 p. 1948 1 Ag84M  
 Sprinkling for irrigation. Calif. Agr. xpt. Sta. Cir.388, 19 p. 1948. 100  
 C12S(c) no.388  
 Swine production in Kansas. Agr. Expt. Sta. Bul.334, 75 p. 1948. 100  
 K13S no.334  
 Using 2, 4-D in Wyoming. Wyo. Agr. Expt. Sta. Bul.291, 7 p. 1949. 100 W99B  
 Using 2, 4-D safely. U.S.D.A. Farmers' Bul. no.2005, 10 p. 1948 1 Ag84F  
 Water pumping systems for the farm. Kans. Ext. Serv. Rural electrification 6,  
 12 p. 1948. 275.29 K13En no.6



## FORESTRY

- Lumber production in the United States, 1799 - 1946, comp. by Henry B. Steer.  
U.S.D.A. Misc. Pub. no.669, 233 p. 1948. 1 Ag84M no.669
- Questions and answers about grazing on national forests. U.S.D.A. AIS no.80,  
18 p. 1949. 1 Ag84Ai no.80
- Suggested Montana Douglas-fir Christmas tree standards. U.S. Forest service.  
Northern rocky mountain forest and range expt. sta. Sta. paper no.18, 13 p.  
1949. 1.9622 N3St1 no.18

## HOME ECONOMICS

- Better utilization of milk. Food and agriculture organization of the United  
Nations. Agricultural studies no.7, 76 p. 1949. 28 F73 no.7
- Cultured buttermilk from non-fat dry milk solids. S. Dak. Agr. Expt. Sta. Bul.  
no.391, 31 p. 1948. 100 So82B no.391
- Dimensional changes in certain cotton, wool and rayon woven fabrics during various  
cleaning and pressing processes. U.S.D.A. Cir. no.793, 27 p. 1948. 1 Ag84C
- Easy-to-build kitchen cabinets for the remodeled farmhouse. U.S.D.A. Misc. Pub.  
no.680, 23 p. 1949. 1 Ag84M no.680
- High altitude vegetable cookery, by Emma J. Thiessen. Wyoming. Agr. Expt. Sta.  
Bul. no.288, 39 p. 1949. 100 W99B no.288
- Refinishing woodwork, floors, furniture. Wyoming. Agr. Ext. Serv. Cir. 105  
13 p. 1949 275.29 W99C no.105

## MISCELLANEOUS

- Agricultural geography of Europe and the Near East, by Lois R. Bacon and others.  
U.S.D.A. Office of foreign agricultural relations. Misc. Pub. no.665, 67 p.  
Washington, U.S. Govt. print. off., 1948. 1 Ag84M no. 665
- Contains extensive information on European and Near Eastern crop and live-  
stock production of, and international trade in selected agricultural commod-  
ities of major importance. - USDA March 14, 1949. (Also reviewed in For. Agr.  
Jan. 1949)
- Factors affecting the nutritive value of foods, studies at the U.S. Plant, soil  
and nutrition laboratory. U.S.D.A. Misc. Pub. no.664, 28 p. 1948 1 Ag84M
- How to buy a farm, prepared by Rural appraisal and research staff of Doane  
agricultural service, inc. 23 p. St. Louis, Mo., 1947.
- The inspection stamp as a guide to wholesome meat. U.S.D.A. Misc. Cir. no.63,  
23 p. Rev. 1949. 1 Ag84Cm no.63, Rev.
- Market diseases of fruits and vegetables, potatoes. U.S.D.A. Misc. Pub. no.98,  
60 p. 1949. 1 Ag84M no.98
- Opportunities for career service in the United States Department of agriculture.  
U.S.D.A. Misc. Pub. no.675, 52 p. 1948 1 Ag84M no.675
- Planning the wiring system. Kans. Ext. Serv. Rural electrification no.2, 11 p.  
1946. 275.29 K13En no.2
- Population and food supply: the current scare, by M.K. Bennett, Reprinted from  
the Scientific monthly, Jan. 1949, p. 17-26. (See USDA Apr.11, 1949)
- The possibilities of modifying lightning storms in the northern Rockies, by Vin-  
cent J. Schaefer. U.S. Forest service. Northern Rocky Mountain forest and  
range Expt. Sta. Station paper no.19, 17 p. 1949. 1.9622 N3St1 no.19
- Price programs of the United States department of agriculture 1949. U.S. Dept.  
of agriculture. Misc. Pub. 683, 62 p. 1949. 1 Ag84M no.683
- Probable and suggested adjustments in Kansas agriculture for 1949. Kansas Agr.  
Expt. Sta. Agricultural economics report no.35, 41 p. 1949. 281.9 K132
- Rural communities and organizations, a study of group life in Wells county,  
North Dakota, by A.H. Anderson and Glen V. Vergeront. N. Dak. Agr. Expt. Sta.  
Bul. 351, 80 p. 1948. 100 N813B no.351

A short cut for scaling aerial photos. U.S. Forest service. Northeastern forest Expt. Sta. Sta. paper no.20, 10 p. 1948. 1.9622 N2St22 no.20

#### RANGE MANAGEMENT

Forage plants for Wyoming range. Wyoming. Agr. Expt. Sta. Cir. 35, 4 p. 1948. 100 W99(c) no.35

Forage utilization on summer cattle ranges in Eastern Oregon, by G.D. Pickford and E. H. Reid. U.S.D.A. Cir. no.796, 27 p. 1948. 1 Ag84C no.796

Mechanical and chemical control of range brush and weeds. 1948. 1.965 F2M46  
Issued by U.S. Bur. of plant industry, soils and agricultural engineering.

Tells all about the chemicals used in weed killing.

The range lands of Wyoming, a summary of the record of 50 years' study by the scientists of the Wyoming agricultural experiment station. Wyoming. Agr. Expt. Sta. Bul. no.289, 35 p. 1949. 100 W99B no.289

South Dakota grasslands, their condition and management, by Leslie R. Albee and others. S.D. Agr. Expt. Sta. Cir. no.70, 39 p. 1948. 100 Sc82(c)

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#### "HOOVER COMMISSION" material.

Commission on organization of the executive branch of the government.

##### Task force reports:

Lending agencies (Appendix R) 108 p. 1949.

Revolving funds and business enterprises of the government (Appendix J)

Water resources projects (Appendix K) 65 p. 1949.

##### Reports to the Congress.

Administration of overseas affairs. 18 p. )

Federal-state relations. 20 p. ) 1949. (Bound together.)

Federal research. 9 p. )

Reorganization of federal business enterprises. 129 p. 1949.

Conservation and the Hoover report, by G.H. Collingwood. American forests 55(4): 12-13, 45-46. April 1949.

An analysis of proposals to consolidate forest and range management in the Department of agriculture.

Hoover commission attacks soil conservation wastes. Implement and tractor 64(7): 34-35, 57-58, 88. April 2, 1949.

A better grouping of activities related to the same major purpose recommended to overcome overlapping of present organizations.

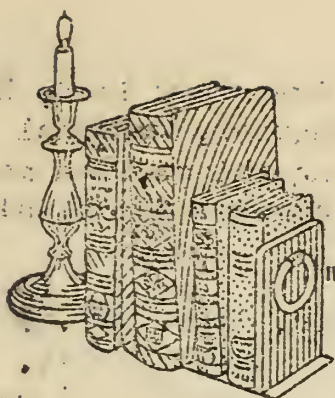
Hoover commission report on USDA. Farm equipment retailing 7(4): 13, 143. April 1949.

Library has a copy of the Hoover commission report on the U.S. Dept. of agriculture of which this is a review. Naturally this magazine stresses the importance of a bureau for agriculture engineering that would be concerned with "structures and machines".

Mr. Hoover's Department of agriculture, by Lauren Soth. Journal of farm economics 31(2): 201-212. May 1949.

An analysis of the Hoover Commission's report on the Dept. of agriculture showing that the accent of efficient arrangement will cut overhead but also some worthwhile functions of the Department.





# LIBRARY NEWSLETTER

## U. S. DEPARTMENT OF AGRICULTURE

LINCOLN BRANCH  
Rm. 313 Rudge & Guenzel Bldg.

Vol. 8, no. 8  
August 1949

Telephone: 2-7241  
Ext. 336

"He who is intimate with books usually has learned to do his own thinking, for every book stimulates thought in some degree." - G. M. Adams.

### NEW BOOKS IN YOUR BRANCH LIBRARY

TREES, THE YEARBOOK OF AGRICULTURE, 1949. 944 p. Washington, D.C., U.S. Dept. of agriculture, 1949. 1 Ag84Y 1949

"I wish, for several reasons, that every American might have the opportunity to read this book about trees. First, the book underscores the importance of forests to our national and individual prosperity, security, and happiness. Of all the figures and facts marshalled here in proof of this importance the most striking to me is that our drain of saw timber is one and one-half times its rate of growth. Other proof is close at hand - the wooden pencil with which I write, the chair I sit in, my desk, and the doors of my office.

"Truly, our woods and forests are one, in our lives, with soil, water, animals, and food. Soil and water conservation, flood control, permanent abundance, prosperity on the land - the very goals we work toward - involve the proper use of forests.

"Most of our virgin timber has disappeared through exploitation, waste, destruction, or use and removal to meet the tremendous needs of a fast-growing Nation. However, the genius of American democracy can yet restore our forests, rebuild our ghost towns, redeem our watersheds, and find new ways to fight fire and forest pests. ...the history of what we have done to correct a fault - another reason why I wish every American might read this book - is a lesson we can apply to other parts of our national life." - From the Foreword by Secretary of Agriculture, Charles F. Brannan.

This new yearbook is a credit to all who worked on it. The many illustrations, including a section of plates in color, add interest. The section, Important forest trees of the United States, will be a reliable source for identification. There are directories of National forests, State forestry agencies, a section on Some words woodsmen use, and other helpful features.

BIOLOGY FOR BETTER LIVING, by Ernest E. Bayles and R. Will Burnett. 754 p. Silver Burdett, 1942. 442 B34

Unit one of this book - Problems of good land use, is considered by many to be one of the best statements made on soil conservation. The reference lists include many U.S.D.A. publications. The numerous illustrations throughout the book include many from the Department of Agriculture, especially Forest Service and Soil Conservation Service.

PROTECT LIBRARY BOOKS IN THE MAIL. WRAP THEM SECURELY.



BIOLOGY FOR BETTER LIVING, cont.

Other units are: How are living things adapted for the lives they lead, How the body uses food and removes wastes, Plant and animal behavior, Personal and social health, The development and improvement of living things, The maintenance of kind and Conservation of our biologic wealth. Recommended to all who are interested in conservation of our resources.

COMING AGE OF WOOD, by Egon Glesinger. 279 p. Simon Schuster, 1949. 99.75 G48

We have had our share of dismal predictions about this plundered planet. Here at last is the first optimistic book on the future of the world. A top forestry expert shows how new uses of wood can more than double the global living standard. It is an exciting blueprint for a more comfortable world, stressing, for the layman, the importance of wood to the world economy and its potentialities, through technical advances and conservation policies, towards creating a world of plenty. (Also reviewed in J. of forestry, May 1949)

FARM BUREAU THROUGH THREE DECADES; by O. M. Kile. 416 p. Waverly, 1948. 4 Am31Fb

The story of the birth, growth, battles and accomplishments of a great farm organization that has become a potent force in public affairs. This book was listed by the New York Herald Tribune on its list of Conservation classics.

GRAPHIC PRESENTATION, by Willard Cope Brinton. 512 p. Brinton, 1939. 238 B77G

There is a magic in graphs. The profile of a curve reveals in a flash a whole situation. It informs the mind, awakens the imagination, convinces. Graphic presentation was specially recommended by the SCS Training officer for the attention of SCS employees.

This book was planned with the hope of inspiring more and better factual presentation. The first part through page 366 deals with "How to read a chart". The section from page 366 to page 452 treating the subject "How to make a chart" is necessarily condensed, and gives suggestion rather than detailed instructions. The many illustrations show representative types of graphic charts and are well worth study.

HISTORY OF CONSERVATION EDUCATION IN THE UNITED STATES, by Robert S. Funderburk. 151 p. Nashville, Tenn., George Peabody College, 1948. 279.12 F962

A chronological survey of the development of formal education in the schools and colleges in the conservation of natural and human resources in the U.S.

Includes a chapter on Growth of the conservation movement in this country.

PRINCIPLES OF AGRICULTURAL BOTANY, by Alexander Nelson. 556 p. London, T. Nelson, 1946. 594634 N33

All botanical principles significant for agriculture are clearly discussed and in addition full lists of specialized books and journals are included as a guide to further study. The author has had experience of agriculture under all the climatic conditions of the world. He assembled all the information needed by students of agriculture both in the narrower field of study for examination purposes and in the wider field of actual practice. Principles of plant science that bear on agriculture are given, along with some examples of the application to farming practice. The illustrations are excellent and unusually detailed.

PERIODICAL AVAILABLE FOR CIRCULATION.

Kansas fish and game, published quarterly by the Kansas forestry, fish and game commission, is starting again after being suspended for several years. It contains news of hunting and fishing, also articles on such subjects as Lake improvement, Game farms and Cover restoration program. Care to see it?



RESCUED EARTH, a study of the public administration of natural resources in Tennessee, by Lee S. Greene, Virginia H. Brown and Evan A. Iverson. 204 p. University of Tennessee press, 1948. 279.081 G83

This book is of interest to USDA employees for its many references to FHA, FS, SCS and the Department as a whole, also for the picture it gives of TVA administration. The chapter headings are: The growth of conservation administration, Resource conservation in the present, Administrative management, Financing resource conservation, Administrative relationships, Physical achievements in conservation and Retrospect.

SUCCESSFUL PART-TIME FARMING, by Haydn S. Pearson. 322 p. Whittlesey house, 1947. 31.3 P312S

Haydn Pearson, well-known farming authority, shows in this book how to plan and initiate a practical program of spare-time farming that will help increase both family larder and bank account. He discusses every important phase of the part-time farming business, from financing the farm-home purchase to methods of controlling the corn borer and other crop diseases - from profit-making tips on marketing, to considerations you face in home landscaping.

The four major considerations of farming - location, water supply, electricity, soil - are dealt with in detail. And such vitally important questions as - how to select the right location - whether to buy, rent, build, or remodel - what to purchase in the way of power equipment - how to test and improve your soil, etc. are answered in unusually practical and specific form. Separate chapters are devoted to practically every farm crop, sideline, and animal that a part-time farmer can produce and market profitably. The author gives all the needed information on how to set up and operate a money-making roadside stand. There is a list of helpful low cost bulletins and an index of Agricultural Experiment stations with their addresses.

UPLAND GAME MANAGEMENT, by Floyd A. Johnson. 80 p. Wildlife management institute, 1948. 412.9 J63

This pamphlet points out the close relationship between the farmer and the conservationist. It is another of the Institute series of "Know-how" bulletins designed to promote better management and use of the nation's wildlife resources. The intensive use of land is growing steadily and will as long as the human population increases. As a result, any game production program must be moulded into and exist with the prevailing agricultural and other human uses of land. The soil conservation program built around an increasing number of organized soil conservation districts offers an excellent opportunity to do the necessary job. As farm plans are developed to handle the soil wisely, wildlife development can become a part of the program. This pamphlet tells the things that should be done. The practices recommended of direct benefit to wildlife are also some of the practices that conserve soil and moisture and benefit the land.

#### PERIODICAL NOTES.

Aerial reseedling, by Glen W. Perrins. Western livestock Journal 27(38): 36, 86-87. June 15, 1949.

"Inventor patterns air-borne pellets after nature for reseedling waste acreage of West."

Agricultural finance review, v.11, 1948. U.S. Bur. of agricultural economics. 1.9 Ec78Af Annual edition.

Crops and markets, Vol. 26, 1949 edition (annual number). 1 Ag84Wcm 1949



Airplane seeding, a new venture in reforestation, by Marinus Westveld. Unasylva 3(3): 95-99. May-June 1949.

This paper was presented at the national meeting of the Society of American foresters, Boston, Mass., Dec. 1948.

(The magazine Unasylva, issued by Food and agriculture organization of the United Nations, is a review of forestry and forest products and is available for circulation.)

Farm builder for better homes and farm buildings, is also available for circulation. Distributed by Johns-Manville, it is illustrated, has articles:

(some signed) on building and remodeling farm houses, barns, and other buildings. (See note of recommendation in USDA Nov. 8, 1948).

Forest reappraisal, by Lyle F. Watts, Chief of Forest Service. Scientific monthly 68(6): 408-414. June 1949.

Operation snowbound, by J. B. Craig. American forests 55(4): 6-9, 42-44.

April 1949. The farmers probably want to forget the trials of last winter but you may wish to read this account.

There's art in conservation farming, by A.C. Fox, SCS. North Dakota Outdoors 11(9): 6-7. March 1949.

Vacation playgrounds. Nebraska farmer 91(10): 1, 8-. May 21, 1949.

Lists the 49 lakes and recreation grounds of Nebraska with location, brief description and recreation features.

Wind erosion control with shelterbelts in North China, by W. S. Chepil, SCS.

Agronomy journal (formerly American society of agronomy Journal) 41(3): 127-129. March 1949.

#### NOTES FROM THE ANNUAL REPORT OF LINCOLN BRANCH.

There were nine Newsletters issued during the past fiscal year. 1347 requests were received for items listed in them. The Newsletters are issued to acquaint you with new material available for loan - the latest and best in the field of agriculture. Were you one of the persons taking advantage of the selection offered?

There is a well-rounded collection of books on the shelves at all times. Do not hesitate to ask for material on any subject which would help you in your work. If the needed material is not at hand, we will be glad to borrow it for you. There are indexes and other reference books to give answers to your questions for specific information or provide references for needed lists.

#### SERVICES TO REGISTERED USDA BORROWERS, 1948/49.

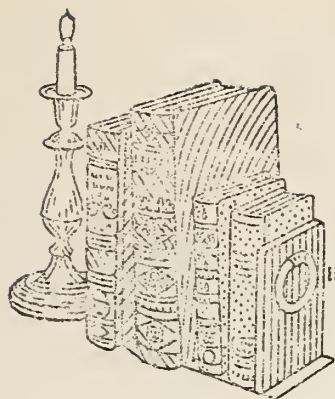
State	Number of personnel given library service.	Percentage of personnel in the state.
Kansas	364	40%
Montana	225	15%
Nebraska	391	29%
North Dakota	181	42%
South Dakota	201	44%
Wyoming	168	52%

It will be noted that the greatest proportion of library users in proportion to the number of personnel, are in Wyoming. Have the rest of the U.S. D.A. employees had the library service they need? This Branch library is maintained to help you.

Mario L. Gould, Librarian



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# LIBRARY NEWSLETTER

U. S. DEPARTMENT OF AGRICULTURE

LINCOLN BRANCH

Rm. 313 Rudge & Guenzel Bldg.

Vol. 8, no. 9  
September 1949

Telephone: 2-7241  
Ext. 336

## PERIODICALS RECEIVED IN LINCOLN BRANCH FOR CIRCULATION.

These periodicals are for your use in connection with your official work. If you are not familiar with a title that interests you, please ask for a copy to examine before requesting it on regular circulation. When you are certain of the ones needed, send us the titles, together with your name, address and U.S.D.A. agency.

Since issuing a periodical list always results in many additions and each is a process for the library staff, there may be a delay, but we will do our best to take care of your needs promptly. We hope you will cooperate by writing the library direct concerning changes of address, additions or deletions to the periodical circulation, so that the information will reach us as soon as possible and not be delayed by circulation in the field as is the case if noted on a routing slip.

The magazines will come to you with routing slip attached on which are a group of names of persons who have asked to see it regularly. Each person named on the list may keep the periodical at his desk not longer than three days and then send it on to the next person on the list. The last person on the list returns the periodical to the Branch Library for further circulation to other groups.

The dates the magazine is received and sent on are to be placed in the column provided; date-columns left blank will indicate to us that you did not receive it. If the person to whom the magazine is addressed is out of town, a fellow employee should write "Return later" after his name and leave the date columns blank.

The general idea of the periodical circulation plan is that they will come to your desk, to be scanned there as part of your official work, and passed on promptly. If you find an article on which you wish to spend more time, send us a regular AD-245 request slip for the issue of that periodical, and you will receive it again later, on an individual two weeks loan.

Instead of signing up for a large number of periodicals for scanning purposes you may find it useful to sign up for the Bibliography of agriculture only, and examine it each month for periodical articles you would like on loan.

Whenever the library subscribes to new periodicals a notice will be placed in the monthly Library Newsletter so that your office can add to this list.

KEEP THE FOLLOWING LIST ON FILE.

Agricultural engineering. M.  
 Agricultural leaders' digest. M.  
 Agricultural outlook. Q.  
 Agronomy journal. M.  
 American bee journal. M.  
 American cattle producer. M.  
 American congress on surveying and mapping. Surveying and mapping. Q.  
 American economic review. Q.  
 American farm bureau federation.  
     Official news letter. Bi-W.  
 American fertilizer. Bi-W.  
 American forests. M.  
 American naturalist. Bi-M.  
 American nurseryman. Bi-W.  
 American photography. M.  
 American society of civil engineers.  
     Proceedings. M.  
 American society of farm managers and rural appraisers. Semi-A.  
 Appraisal journal. Q.  
 Audubon magazine. Bi-M.  
 Better crops with plant food. M.  
 Better farming methods. M.  
 Biological abstracts. M.  
 Borden's review of nutrition res. M.  
 Botanical gazette. Q.  
 Boyce Thompson institute for plant research. Contributions. Q.  
 Breeder's gazette. M.  
 Canadian journal of research. Bi-M.  
 Capper's farmer. M.  
 Cargill crop bulletin. 18 nos.  
 Case eagle. Bi-M.  
 Cattleman. M.  
 Climatological data.  
     Colorado section. M.  
     Kansas section. M.  
     Montana section. M.  
     Nebraska section. M.  
     North Dakota section. M.  
     South Dakota section. M.  
     Wyoming section. L.  
 Colorado conservation comments. Q.  
 Colorado sheep raiser. M.  
 Commercial car journal. M.  
 Conservation news. M.  
 Conservation volunteer. Bi-M. (Minn.)  
 Cooperative consumer. Bi-M.  
 Country gentleman. M.  
 Current farm economics. Bi-M. (Okla.)  
 Current research in the science of nutrition. M.  
 Dakota farmer. Bi-W.  
 Du Pont de Nemours Agricultural newsletter. Bi-M.  
 Ecological monographs. Q.  
 Ecology. Q.  
 Economic annalist. Q.  
 Economic geography. Q.  
 Employment and pay rolls. M.  
 Engineering news record. W.  
 FAO bulletin. Bi-M.  
 FAO monthly bulletin. M.  
 Facts for farmers. M.  
 Farm and home science. Q. (Utah)  
 Farm builder. M.  
 Farm economics. Irr. (Cornell Univ.)  
 Farm equipment retailing. M.  
 Farm implement news. Bi-W.  
 Farm journal. M.  
 Farm policy forum. Q.  
 Farm quarterly. Q.  
 Farmer. Semi-M. (Dakota ed.)  
 Farmer-stockman. M.  
 Farmers digest. M.  
 Federal reserve bank of Minneapolis.  
     Monthly review of agricultural and business conditions. M.  
 Fertilizer review. Bi-M.  
 Food and nutrition notes. M.  
 Furrow. Bi-M.  
 Gleanings in bee culture. M.  
 Graphic trends. M. (Wis.)  
 Harvester world. M.  
 Herbage abstracts. Bi-M.  
 Highways current literature. W.  
 Hoard's dairyman. Bi-W.  
 Illinois farm economics. Bi-M.  
 Implement and tractor. Bi-W.  
 Irrigation farmer. M.  
 Journal of farm economics. Q.  
 Journal of forestry. M.  
 Journal of range management. Q.  
 Journal of soil and water conservation. Q.  
 Journal of wildlife management. Q.  
 Kansas agricultural situation. M.  
 Kansas farmer. Bi-W.  
 Kansas fish and game. Q.  
 Labor information bulletin. M.  
 Land. Q.  
 Living wilderness. Q.  
 Michigan. Quarterly bulletin. Q.  
 Midwest wool growers news. M.  
 Missouri River Basin progress reports. M and Q.  
 Montana farmer stockman. Bi-W.  
 Montana weekly weather and crop report. W.  
 Montana wool grower. M.  
 Monthly labor review. M.  
 Monthly weather review. M.  
 National city bank of New York. Monthly letter on economic conditions. M.



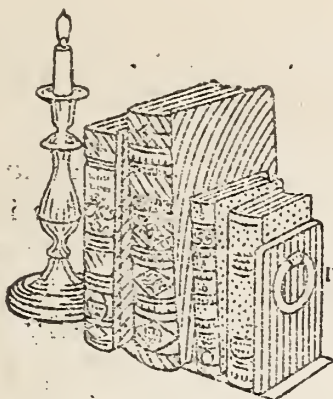
National county agent. M.	Extension service review. M.
National grange monthly. M.	Farm cost situation. Semi-A.
National provisioner. W.	Farm credit journal. Semi-A.
National rural electric cooperative association. Rural electrification magazine. M.	Farm credit leader. 3 nos. (Omaha)
National wool grower. M.	Farm income situation. M.
Nation's agriculture. M.	Farm labor. M.
Nature magazine. M.	Feed situation. M.
Nebraska Univ. Agricultural extension service news. M.	Fire control notes. Q.
Nebraska. Univ. of Nebr. news. W.	Food and home notes. W.
Nebraska agriculture. M.	Foreign agriculture. M.
Nebraska farmer. Bi-W.	Foreign crops and markets. W.
Nebraska union farmer. Bi-W.	General crop report. Irr.
New agriculture. M.	Livestock and meat situation. M.
News for farmer cooperatives. M.	Livestock market news. W.
North American veterinarian. M.	Marketing activities. M.
North Dakota agricultural experiment station. Bimonthly Bul. Bi-M.	Marketing and transportation sit. M.
North Dakota outdoors. M.	Monthly list of publications and motion pictures. M.
Outdoor Nebraska. Q.	National food situation. Q.
Personnel administration. M.	Plant disease reporter. M.
Personnel journal. M.	Rural electrification news. Bi-M.
Photogrammetric engineering. Bi-M.	Soil conservation. M. (Do not request this if your regional office supplies it.)
Pittman-Robertson quarterly. Q.	Statistical summary. M.
Public management sources. Semi-M.	Stocks of corn, oats, barley & rye. Q.
Public roads. Q.	Stocks of wheat and rye. Q.
Reclamation era. M.	USDA. Bi-W.
Retail food prices by cities. M.	Wheat situation. Bi-M.
Rural sociology. Q.	U.S. Geological survey publications issued. M.
Safety bulletin. Q.	U.S. Supt. of documents. Monthly catalog of U.S. Govt. publications. M.
Science. W.	---- Selected U.S. Government publications. Semi-M.
Science news letter. Q.	Vital speeches of the day. Bi-W.
Scientific agriculture. M.	Wallace's farmer. Semi-M.
Scientific monthly. M.	Weekly weather and crop bulletin. W.
Seed world. Semi-M.	West coast lumberman. M.
Soil science. M.	Western farm life. Bi-W.
South Dakota conservation digest. M.	Western livestock and westerner. M.
Successful farming. M.	Western livestock journal. W & M.
Survey. M.	What's new in crops and soils. M.
Survey of current business. W & M.	Wildlife review. Irr.
Through the leaves. Bi-M.	Wood preserving news. M.
Timberman. M.	Work simplification news letter. A.
Tractor farming. Q.	Wyoming stockman farmer. M.
Unasylva. Bi-M.	Wyoming wild life. M.
U.S. Dept. of agriculture.	Your farm. M.
Agricultural economics research. Q.	
Agricultural outlook digest. M.	
Agricultural prices. M.	
Agricultural situation. M.	
Agriculture decisions. M.	
BIBLIOGRAPHY OF AGRICULTURE. M.	
Crop production. M.	
Crops and markets. A.	
Demand and price situation. M.	

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(Use the next page for making additions to the list as they appear in the Library Newsletter.)

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U.S. DEPARTMENT OF AGRICULTURE





# LIBRARY NEWSLETTER

U. S. DEPARTMENT OF AGRICULTURE

LINCOLN BRANCH

Rm. 313 Rudge & Guenzel Bldg.

Vol. 8, no. 10

October 1949

Telephone: 2-7241

Ext. 336

"If books vanished in the night, our ivy-covered universities would stand as empty as the Colosseum; the doors of industrial America would be padlocked; and the shelves of the libraries covered with dust." - Adv. in *Special libraries*, Dec. 1948.

## NEW BOOKS IN YOUR BRANCH LIBRARY

AGRICULTURAL STATISTICS, 1948. 752 p. U.S.D.A. 1949. 1 Ag84Yas 1948  
Statistics on grains, hay, fruits, vegetables, livestock, dairy products, foreign exports, agricultural conservation, forestry and other subjects connected with American farming. See it in your Branch Library.

FUTURE FOOD AND AGRICULTURE POLICY, A PROGRAM FOR THE NEXT TEN YEARS, by John Donald Black and Maxine Enlow Kiefer. 348 p. McGraw-Hill, 1948. 281 B56F

"This timely volume is perhaps the first that covers thoroughly the important facts of the present food and agriculture situation both here and abroad and that offers a long-range plan for solving shortages and spreading the food supply. The plans presented are constructive and have far-reaching implications for the economic welfare of the peoples of the world." (See also the review in Agricultural economics research, January 1949, p.32)

LOGGING; THE PRINCIPLES AND METHODS OF HARVESTING TIMBER IN THE UNITED STATES AND CANADA, by Nelson C. Brown. 418 p. Wiley, 1949. 99.76 B81Log

This book is a revision of two earlier books. It deals with the general problem of suiting logging methods to local conditions of topography, climate, density of timber, volume and size of individual trees. It points out changes in selective logging; in efficiency, wages, and availability of labor; in improved mechanical devices, especially tractors, power-driven saws, motor trucks, and the small sawmill; and in improved utilization of both logs and species. In most cases a description of the method is given, often with illustrations.- From the review in Unasylva March-April 1949.

LUMBER; MANUFACTURE, CONDITIONING, GRADING, DISTRIBUTION AND USE, by Nelson C. Brown. 344 p. Wiley, 1947. 99.76 B81Lu

History of and economical production methods in the lumber industry. Discussion of the manufacture and remanufacture, conditioning by air seasoning and kiln drying, grades and inspection sizes and price relationships, merchandising, distribution and use, shipping and traffic and exports of lumber. A good subject for foresters to be familiar with.



RURAL LIFE IN THE UNITED STATES, by Carl C. Taylor and others. 549 p.  
Knopf, 1949. 281.2 T21R

"A comprehensive and authoritative survey of rural sociology. Its 8 authors all are or at one time were affiliated with BAE. Although written primarily for students the book will be found of interest to any serious reader who wants to know more about the diversified and fast-changing rural life of our nation today. The book is well-organized and well-illustrated and richly deserves your attention." - USDA Feb. 14, 1949.

There are detailed and graphic analyses of rural population, institutions, occupations and standards of living.

✓ SOIL PHYSICS, by Leonard D. Baver. 2d ed. 398 p. Wiley, 1948. 56.43 B32

"The best book on soil physics available and the 2d edition contains considerable revision." - R. O. Lewis, SCS, Lincoln, Nebr.

Major additions to the book are centered around the results of the electron microscope on the shape of soil particles, the many advances in knowledge of soil-moisture relationships, certain new developments in the field of soil structure and soil aeration, additional information on plowing, and the effect of raindrops on soil erosion.

TEACHING CONSERVATION; A GUIDE IN NATURAL RESOURCES EDUCATION, by Ward Powers Beard. 144 p. American Forestry Association, 1948. 279.12 B38

The success of natural resource conservation in America rests upon a thorough understanding by citizens of the value of forests, soil, water, wildlife and related resources to individuals and their communities and to their state and nation. Education to bring about this understanding should begin in the public schools. This book is intended primarily to provide basic understanding for effective teaching of conservation. The author gives (1) a proper concept of conservation by use of certain facts about natural resources, (2) the educational principles to be followed in using natural resource information to give students an understanding of conservation. This book is not claimed to be a source of information about the conservation of natural resources although conservation facts are used for illustrative purposes. Many sources of information are listed in the appendix. It is recommended by Information Division, SCS, Lincoln, Nebr. for field men who are working with teachers and county superintendents on this subject.

TRAINING EMPLOYEES, by George D. Halsey. 263 p. Harper, 1949. 249.3 H16T

"Intended primarily as a very practical handbook for everyday use by those responsible for training, it is so arranged as also to be used easily as a text or reference book. It is clear, concise, well-organized and describes how training is being carried on in actual situations." - USDA Feb. 14, 1949.

TRANSACTIONS OF THE KANSAS ACADEMY OF SCIENCE. 1948. 496 p. 500 K13T

Some papers included are: Kansas weather; Ground waters available for water flooding oil projects in Southeastern Kansas; Some effects of burning upon a prairie in West-Central Kansas; Pasture types of Western Kansas in relation to the intensity of utilization in past years; a raised marsh near Muscotah, Kansas; Notes on the soil fauna of Cowley county, Kansas; the geography of Kansas.



WEATHER, by Gayle Pickwell. 170 p. McGraw-Hill, 1938. 340 p

Weather has been written and illustrated with the average individual and the interested student in mind. There are no undefined technical terms. Throughout, everyday weather features have been stressed. The final chapter on Learning the weather, will present a few of the multitude of fascinating experiments and devices that will make the learning of weather more significant. The splendid photographs were secured in New York, Illinois, Nebraska, Wyoming, Utah, Nevada, Washington, California, and Arizona. In spite of this wide range of locality, many of the weather characteristics displayed may be observed during the year at any place. In view of the great importance weather has for agriculture, this book will be of interest to many.

### HOW EFFECTIVE ARE YOUR LETTERS?

WRITING EFFECTIVE GOVERNMENT LETTERS, by James F. Grady and Milton Hall. 109 p. Employee training publications, 1939. 200.3 G75

This is still one of the best books on the subject. Recently, a U.S.D.A. executive had parts mimeographed for the people in his agency. (See USDA, August 1 and August 29, 1949, "Writing better letters.") You can borrow the book from this Branch library.

### RECENT PAMPHLET MATERIAL

#### CONSERVATION.

Effect of grass on intake of water, by F. L. Duley, (SCS) and G. E. Domingo. Nebr. Agr. Expt. Sta. Res. Bul. 159, 15 p. 1949. 100 N27R no.159  
Multiflora rose for living fences and wildlife cover. U.S.D.A. Leaflet no.256, 8 p. 1949. 1 Ag84L no.256  
Our remaining land, we can use it and save it. U.S.D.A. AIS no.79, 12 p. 1949. 1 Ag84Ai no.79  
Rates of sediment production in Midwestern United States, by Gunnar M. Brune. U.S. Soil cons. service. SCS-TP-65, 40 p. Rev.1948. 1.96 Ad6TP no.65  
Soil conservation and stream pollution, by H.H. Bennett. 11 p. 1.96 Ad62  
Address...at Bedford Springs, Penn., April 21, 1949.  
Terracing for erosion control, Missouri. Agr. Expt.Sta. Bul.507 47 p.

#### COOPERATIVES

Dairy breeding cooperatives, their development, practices, and policies. U.S. Farm credit admin. Cir. C-133, 29 p. 1949. 166.2 C4923 no.133  
North Dakota cooperatives coordinate transportation for economy and service. U.S. Farm credit admin. Cooperative research and service div. Misc. report 132, 53 p. 1949 166.3 M68. no.132  
Telling the co-op story, an educational handbook for rural electric co-ops. U.S.D.A. Misc. Pub. 685, 71 p. 1949. 1 Ag84M no.685

#### FARMING

Bovine mastitis: treatment with penicillin and herd practices which aid in its control. S.D. Agr. Expt. Sta. Bul.392, 23 p. 1948. 100 So82B  
Capon production. Kans. Expt. Sta. ul.335, 43 p. 1949. 100 K13S(b)  
Commercial feeding stuffs. Kans. Bd. of agriculture. Report no.288, 39 p. 1948. 2 K13R no.288



Farming, continued.

- Comparison of methods of supplying phosphorus to range cattle. U.S.D.A. Tech. Bul. no.981, 22 p. 1949. 1 Ag84Te no.981
- Crop varieties in Nebraska. Nebr. Ext. Serv. Cir.100 Rev.1949, 59 p. 275:29 N272Ex no.100 Rev.
- Effect of position within a large storage bin upon midwinter behavior of Nebraska triumph seed potatoes. Nebr. Agr. Expt. Sta. Res. Bul.158, 22 p. 1949. 100 N27R no.158
- Grain drying with forced air circulation. Nebr. Ext. Serv. E.C. 736, 8 p. 1949. 275.29 N272Ex no.736
- Hamorace hog. Mont. Agr. Expt. Sta. Bul.454, 8 p. 1948 100 W76(b)
- Hogs for profit. 6 p. Kans. Ext. Serv. 1948. 275.2 K133Hg
- Innoculate legumes - it pays. Wis. Expt. Sta. Bul.484, 16 p. 1949. 100 W75(b)
- Kansas farm management summary & analysis, 1947. Kansas farm management associations. Kans. Agr. Expt. Sta. Agricultural economics report no.34, v.p. 1948, 281.9 K132 no.34
- Preventing damage to buildings by subterranean termites and their control. U.S.D.A. Farmers' Bul. no.1911, rev. 1949, 1 Ag84F no.1911
- Recommended varieties of farm crops for Montana. Mont. Agr. Expt. Sta. Cir. 191, 35 p. 1949. 100 W76C no.191
- Rushmore spring wheat. S.D. Agr. Expt. Sta. Bul.394, 7 p. 1949 100 So82B
- Safflower production in the Western part of the Northern Great Plains. Nebr. Agr. Expt. Sta. Cir. 87, 23 p. 1949. 100 N27(c) no.87
- Sorghum fodder for wintering bred ewes. S.D. Agr. Expt. Sta. Bul.395, 8 p. 1949. 100 So82B no.395
- Storage of ear corn on the farm. U.S.D.A. Farmers' Bul. no.2010, 27 p. 1949. 1 Ag84F no.2010
- Storage of small grains and shelled corn on the farm. U.S.D.A. Farmers' Bul. no.2009, 30 p. 1949. 1 Ag84F no.2009
- Systems of farming for the Tri-county irrigation area in Nebraska. Nebr. Agr. Expt. Sta. Bul.393, 52 p. 1949. 100 N27(b) no.393
- Treat seed grain. U.S.D.A. Misc. Pub. no.219, 12 p. Rev.1949. 1 Ag84M

FORESTRY

- A Comparison of the pine-oak rusts. U.S.D.A. Tech. Bul.no.978, 30 p. 1 Ag84Te
- Forest resources of Southern Montana. U.S.F.S. Northern Rocky Mountain forest and range Expt. Sta. Sta. paper no.20, 19 p. 1949. 1.9622 N3St1 no.20
- The TVA approach to forest development. Duke university. School of forestry lectures. No.6, 15 p. 1946. 99.9 D88S no.6
- Yearbook of forest products statistics. 206 p. Food and agriculture organization of the United Nations, 1949. 99.9 Y3. 1948.

PEST CONTROL

- Comparative studies of three soil fumigants for wireworm control. U.S.D.A. Tech. Bul. no.980, 22 p. 1949. 1 Ag84Te no.980
- Cultural methods of noxious weed control in South Dakota, by L.M. Stahler and L.A. Derscheid. S.D. Expt. Sta. Cir.75, 8 p. 1948. 100 So82(c) no.75
- European corn borer location on the corn plant as related to insecticidal control. U.S.D.A. Tech. Bul. no.976, 20 p. 1949. 1 Ag84Te
- Field studies of the alfalfa weevil and its environment. U.S.D.A. Tech. Bul. no.975, 84 p. 1949. 1 Ag84Te no.975
- Food plants as factors in the ecology of the lesser migratory grasshopper. Wyo. Agr. Expt. Sta. Bul.290, 48 p. 1949. 100 W99(b) no.290
- Investigations of chloropicrin as a soil fumigant, by Frank Louis Stark, Jr. Cornell. Agr. Expt. Sta. Memoir 278, 61 p. 1948. 100 N48C(m) no.278
- Wireworms (elateridae) of South Dakota. S.D. Agr. Expt. Sta. Tech. Bul. no.8, 18 p. 1949. 100 So82(t) no.8



## RANGE MANAGEMENT

- Crossbred beef cattle for the Northern Great Plains. U.S.D.A. Cir. no.810, 15 p. 1949. 1 Ag84C no.810
- Grazing spring-fall sheep ranges of Southern Idaho, by Joseph F. Pechanec and G. Stewart. U.S.D.A. Cir. no.808, 34 p. 1949. 1 Ag84C no.808
- Range forage species for seeding in ponderosa-pine areas. Rocky Mountain forest and range Expt. Sta. Research note no.5, 3 p. 1949. 1.9622 R2R313
- Soil conservation service action program in range management. U.S. Soil cons. service. R-6. Regional Bul. no.105, 16 p. 1948. 1.9608 R26 no.105
- "Address delivered by Robert V. Boyle...at the organization meeting of the Range management society of America at Salt Lake City, Utah, Jan.31, 1948."
- Stocking Northern Great Plains sheep range for sustained high production, by E. J. Woolfolk. U.S.D.A. Cir. no.804, 39 p. 1949. 1 Ag84C no.804
- Wyoming range management. 9 nos. 1948-49. 60.19 W99
- no.1. Progress report on some range and grass research, Archer field Sta. 8 p.
  - no.2. Moisture content of burned over land reduced nearly one-half. 3 p.
  - no.3. Native vegetation in relation to soil in parts of Wyoming. 4 p.
  - no.4. An annotated index to grass names, by A. A. Beetle. 3 p.
  - no.7. Range grasshoppers as an economic factor in the production of livestock, by R. E. Pfadt. 6 p.
  - no.8. Range reseeding, by A. C. Hull, Jr. 4 p.
  - no.10. The new Wyoming curriculum in range management, by Darrol Born. 6 p.
  - no.12. The problems of range condition classes on the Laramie Plains, Wyoming, by Alan A. Beetle. 5 p.

## WATER

- Normalcy tests of precipitation and frequency studies of runoff on small watersheds. U.S.D.A. Tech. Bul. no.985, 24 p. 1949. 1 Ag84Te
- Procedure for compliance with Kansas state laws relating to levees, obstructions in streams and changing of the course, current or cross section of streams. Kans. Bd. of agriculture. Report no.289, 20 p. 1949. 2 K13R
- Water, water, everywhere, but..., by Bernard Frank (FS) and Anthony Netboy. Scientific monthly 68(6): 401-407. June 1949. Mr. Frank has been engaged in watershed management research for the past eleven years.

## MISCELLANEOUS

- Agricultural seed. Kansas. Bd. of agriculture. Report no.287, 35 p. 1948. 2 K13R no.287
- Provisions of the Kansas seed law are given, regulations and an illustrated section on weed seeds mentioned in the seed law.
- Agronomy handbook for 4-H clubs. Kans. Ext. Serv. Cir. 197, 17 p. 1948. 275.29 K13Ex no.197
- Alcohol from agricultural sources as a potential motor fuel. U.S. Bur. of Agr. and Ind. Chem. AIC-233, 7 p. 1949. 1.932 A2Ag82 no.233
- Alfalfa, a selected bibliography of its composition, processing and use. U.S. Bur. of Agr. and Ind. Chem. AIC-241, 39 p. 1949. 1.932 A2Ag82 no.241
- Guinea pig, The. U.S.D.A. Leaflet no.252, 7 p. 1949. 1 Ag84L no.252
- Livestock and meat. Food and agriculture organization of the United Nations. Commodity series no.12, 97 p. 1949. 389.9 F735Cs no.12
- Portable water-jet pumps. U.S. Bur. of Agr. and Ind. Chem. AIC-223, 5 p. 1949. 1.932 A2Ag82 no.223
- Portable weir. Nebr. Ext. Serv. Irrigation no.1, 4 p. 1949. 275.29 N272Agn Irrigation no.1
- Procedure for land reclassification in Montana. Mont. Expt. Sta. Bul. 459, 39 p. 1949. 100 M76(b) no.459

Miscellaneous, continued.

Property surveys. 15 p. American congress on surveying and mapping. Technical division. Proceedings. 8th annual meeting. June 21-23, Washington, D.C., 1948. 325.9 Am332

Raising laboratory mice and rats. U.S.D.A. Leaflet no. 253, 10 p. 1949. 1 Ag84L no. 253

Rural community organization, a list of references. U.S.D.A. Library list no. 46, 51 p. 1949. 1.916 L612 no. 46

Selected bibliography of periodical literature on fruit and vegetable processing wastes, by Otto R. Vasak and W. Lawrence Shaw. U.S. Bur. of Agr. and Ind. Chem. AIC-232, 12 p. 1949. 1.932 A2Ag82 no. 232

South Dakota agriculture, 1948. 40 p. 252.79 T192 1948

"The annual statistical report... continues the series of annual reports showing county data."

Surveying instruments. American congress on surveying and mapping. Tech. Div. Proceedings. 8th annual meeting. June 21-23, Washington, D.C., 1948. 10 p. 325.9 Am333

Tick fever. U.S.D.A. Farmers' Bul. no. 1625, 28 p. 1949. 1 Ag84F no. 1625

World food appraisal. 47 p. Washington, D.C., Food and agriculture org. of the United Nations, 1949. 389 F738W 1949

PERIODICAL NOTES

Great Plains agriculture and Brannan's farm program, by Harold G. Halcrow and Roy E. Huffman. In Journal of farm economics 31(3): 497-508. August 1949.

High level support prices and corn belt agriculture, by D. Gale Johnson. In Journal of farm economics 31(3): 509-519. August 1949.

PACKETS AVAILABLE FOR CIRCULATION

The following packets have been prepared for your use:

Building farm ponds.

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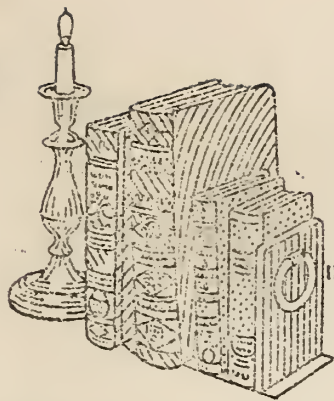
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These packets consist of pamphlets, reprints and photostats of magazine articles on the subjects indicated. They are available for loan. Please request them by title.

Marie L. Gould,  
Librarian





# LIBRARY NEWSLETTER

U. S. DEPARTMENT OF AGRICULTURE

LINCOLN BRANCH  
Rm. 313 Rudge & Guenzel Bldg.

Vol. 8, no. 11 - 12  
November - December 1949

Telephone: 2-7241  
Ext. 336

"Research begins, not in the laboratory, but in the library."

## NEW BOOKS IN YOUR BRANCH LIBRARY

BREAKING NEW GROUND, by Gifford Pinchot. 522 p. Harcourt, Brace, 1947.  
120 P652

"This is the story of a very exciting and epic period in the struggle for the development of a National forest policy in the United States. In the course of one decade, there occurred an almost revolutionary change in the government land policy and in the public attitude toward the forest and the rest of the natural resource - water, soil, grazing, water power development, reclamation of arid lands, flood controls and inland waterways. For ten years it was a strenuous fight against the greed of private interests, bureaucratic corruption, and public indifference to show that sound forestry can produce lumber without destroying the forest. Since the story is told by a man who was one of the main actors in the entire struggle, the book takes the form of an autobiography. You can sense throughout the entire book the vigor and strenuousness of the life the author lived. Accounts of political battles in Washington alternate with stories of adventure in the wilderness of a vast unexplored land. Such is the story of a great popular movement and its great leader, whose guiding principle in life was, "The public good comes first." - From the review in Unasylva, Jan. - Feb. 1949.

DYNAMICS OF VEGETATION, SELECTIONS FROM THE WRITINGS OF FREDERIC E. CLEMENTS.  
296 p. Wilson, 1949. 463.8 C59D

This book is a posthumous collection of a choice set of publications bearing upon dynamic ecology. The author points out the need for working with the forces of nature and declares that nature's cooperation is essential to the success of the many present endeavors to undo man's destructiveness.

The nature of plant competition and experiments dealing with it are discussed. The chapter devoted to the evaluation of plants as indicators is perhaps the most significant and useful portion of the whole volume. The relation between the existing flora and the land classification of an area is discussed in detail. The author describes how plants serve as guides to farming practices, cropping, forestry, and grazing, and also as indicators of man's mismanagement of the land in the form of overgrazing, burning, improper drainage and soil wastage.

The material presented therein will undoubtedly be of great interest to range managers, wildlife specialists and other conservationists whose work is related to the interpretation of changes in our native landscape, as well as to those connected with the management and administration of land areas.



Dynamics of vegetation, continued.

The chapter on climatic cycles, a brilliant essay on weather analysis and land use in the Great Plains region should be of great value to agricultural scientists working in the "calamity area", as it is mistakenly called by some. The author declares that the Great Plains is an area of great potentialities, if properly used. "The most serious defect in the past has been... the common failure to realize that the price of continued use is conservation." - From the review in Agronomy journal, Sept. 1949.

FEDERAL PROSE; HOW TO WRITE IN AND/OR FOR WASHINGTON, by James R. Masterson and Wendell B. Phillips. 45 p. Univ. of North Carolina Press, 1948. 200.4 M39

"This book is for American citizens who aspire to serve their fellow men by writing the language that is written and sometimes spoken in the Nation's Capital and thus to qualify themselves as instruments by which the power and benevolence of the Federal Government are brought to bear upon the American people." -Foreword.

"I would most heartily recommend it. It holds up the mirror to us as writers of federal prose." - G.L. Stewart (Sol.Off.)

It is a tongue-in-cheek exposition with amusing cartoon illustrations which will help your work - and your sense of humor.

FORESTRY DIRECTORY, comp. by Tom Gill and Ellen C. Dowling. 420 p. American tree association, 1949. 99 Am3F

The present edition is the first since 1943 and marks notable progress in forest conservation. Growth in public support of forestry is evidenced by the greater number of forest conservation organizations which have come into being, and by the enlarged programs of the older organizations. The directory tells of these programs (including SCS, FS, PISAF and EPQ) and organizations, national, state and regional. Important forestry legislation is given, latest being the Forest pest control law. There is complete data on forestry education, schools, fellowships, and enrollment statistics. To complete the picture, there are sections on Canadian, international and tropical forestry and wilderness areas. "Forest miscellany" lists recommended trees for forest planting by regions and collects such facts as Arbor days and state trees.

GROWTH OF PLANTS; twenty years' research at Boyce Thompson Institute, by William Crocker. 459 p. Reinhold, 1948. 463.36 C87

A carefully documented and exhaustive description of the major problems relating to plant growth undertaken at Boyce Thompson Institute since its foundation. The book contains a wealth of technical information which will be of interest to agronomists, botanists, fruit and vegetable growers, fungicide, and insecticide technologists, seedsmen and soil technologists.

HARNESSING THE BIG MUDDY, by Frances Cushman and Gordon MacGregor. 176 p. U.S. Dept. of the interior, 1948. 156.5 H22

This is the story of Missouri Basin development. Numerous photographic illustrations are a credit to Haskell Institute which printed the book. It was written primarily for students who live in the Missouri Basin. The purposes were to: (1) describe the vast development of water resources that is being undertaken in the whole Basin; (2) show the reasons for this great development; and (3) point out some of the ways in which the well-being of every individual is dependent upon the conservation of our water and soil resources.

DID YOU FINISH THE BOOK YOU WERE READING BEFORE IT WAS DUE?  
NOTIFY THE LIBRARY IF YOU WANT ANOTHER TURN AT A BOOK.



MATHEMATICAL AIDS FOR ENGINEERS, by Raymond W. Dull. 346 p. McGraw-Hill, 1946. D882M

This book gives engineers basic mathematical tools and shows their application in many engineering fields. It covers every phase of mathematics from simple computations through integration and summation. There are new equations for construction of types of alignment charts. Prominence is given to vector analysis and new methods to simplify solution of somewhat difficult engineering problems.

NUTRITIONAL DEFICIENCIES IN LIVESTOCK, by Richard T. Allman and T. S. Hamilton. Food and agriculture organization of the United Nations. FAO agricultural studies no.5, 101 p.. Washington, 1949. 28 F73 no.5

"Correcting dietary deficiencies in livestock rations will do much to increase the world's supply of meat, milk, and eggs." An immediate increase in the available food for all people throughout the world should be looked upon as essential to their welfare. This booklet is concerned with ways and means of increasing the world's food supply, especially the supply of meat, milk and eggs." The authors consider: "Soils and nutrition, Animal losses resulting from improper feeding, Feed wastage caused by unbalanced rations and symptoms of nutritional deficiencies in cattle, swine, poultry, sheep, horses and goats.

OUR CONSERVATION JOB, by Stephen Raushenbush. Public affairs institute, Report no.4, 64 p. 1949. 279.12 R19

"A new way to obtain soil and range, forest, fuel and energy conservation." This is a thoughtful, well documented pamphlet.

TECHNIQUE OF BREEDING FOR DROUGHT RESISTANCE IN CROPS, by T. Ashton. Commonwealth bureau of plant breeding and genetics. Technical communication no.14, 34 p. Cambridge, England, 1948. 64.9 C73

This bulletin brings together the most important published information which has bearing upon the complex problems of breeding for drought resistance in wheat, oats, barley, rice, grass species and various other crops. The contents are arranged according to the individual crops. There is a bibliography of 124 references.

TEN YEARS OF PITTMAN-ROBERTSON WILDLIFE RESTORATION, by Robert M. Rutherford. 128 p. Wildlife management institute, 1949. 279.9 W64T

This informative booklet describes the program standards and procedures, its origin, financial basis, the work done by the various states on all major game species. Half of the publication is devoted to tables giving such material as hunting license sales by states, numbers of birds and mammals livetrapped and transplanted, wildlife species investigated by states, and other useful reference material.

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#### RECENT PAMPHLET MATERIAL

##### CONSERVATION

Farm and ranch planner's guide. 68 p. U.S.D.A. Soil Conservation service. Pacific coast region 7. 1.9609 F22

Recommended reading for SCS people who make conservation plans on farm or range lands.

Industry's stake in conservation, by Fred A. Wirt. 16 p. 1949. v.f.Cons.

Especially recommended to all conservationists as an important publication.

Land use experience in Southern Great Plains, by H. H. Finnell(SCS). U.S.D.A. Cir. no.820, 19 p. 1949. 1 Ag84C no.820

The area includes parts of Colorado, Kansas and Oklahoma.

The trilogy of American conservation and The eternal question. (Two addresses to soil conservationists) 22 p. Upper Darby, Pa., Soil conservation society of America, 1948. 56.7 W693

Using tall fescue in soil conservation. U.S.D.A. Leaflet no. 254, 8 p. 1949. 1 Ag84L no.254

"The plant is also called Kentucky 31 and Sutter's grass, and SCS nurseries harvested 84,445 pounds of seed between 1943 and 1948." - USDA Oct.24,'49

## FARMING

Adobe or sun-dried brick for farm buildings. U.S.D.A. Farmers' Bul. no.1720, 18 p. Rev. 1949. 1 Ag84F no.1720

Barn mow haydrying in California, by John B. Dobie. 16 p. Calif. Ext. Serv. Cir. 149, 16 p. 1949. 275.29 C12C no.149

Bloat in cattle and sheep. N.C. Agr. Ext. Serv. Ext. folder no.77, 4 p. 1949. 275.29 N811Ex no.77

Effect of inbreeding on body size, anatomy and producing capacity of grade holstein cows. U.S.D.A. Tech. Bul. no.990, 34 p. 1949. 1 Ag84Te no.990

Farm ownership in the Midwest. Iowa. Agr. Expt. Sta. Research Bul. 361, pp. 347-959. 1949. 100 Io9(r) no.361

"It summarizes data from the 1945 Census of Agriculture - tells who owns the farms, how they are owned, and how ownership was acquired. It lists the ladders to ownership and discusses the extent and concentration of ownership and farm-ownership transfer arrangements. By 1945, more Midwestern farmers (includes Kansas, Nebraska, North and South Dakota) than ever before owned part or all of their farms. There were fewer tenants than at any time in the last quarter century." - USDA, October 24, 1949.

Feed required to produce 6-pound rabbits after weaning and conditions affecting their carcass grades and cuts. U.S.D.A. Cir. no.819, 20 p. 1949. 1 Ag84C

Grape growing in Kansas. Kans. Agr. Expt. Sta. Cir. 248, 37p. 1949. 100 K13Sc

Grow disease-resistant oats. U.S.D.A. F.Bul. no.1941, 13 p. 1949. 1 Ag84F

Marketing feeder cattle in North Dakota, by Baldur H. Kristjanson. N.D. Agr. Expt. Sta. Bul. 354, 32 p. 1949. 100 N813B no.354

New sources of resistance to stem rust and leaf rust in foreign varieties of common wheat. U.S.D.A. Cir. no.814, 16 p. 1949. 1 Ag84C no.814

Once-a-day versus twice-a-day feeding for dairy cows. U.S.D.A. Cir. no.830, 7 p. 1949. 1 Ag84C no.830

Pressure water systems. N.D. Ext. Serv. Cir. AE-25, 10 p. 1948. 275.29 N812Ae no.25

Reducing grasshopper damage by regrassing weedy roadsides and fence rows. U.S.D.A. Cir. no.813, 11 p. 1949. 1 Ag84C no.813

Relationship of machine milking to the incidence and severity of mastitis. U.S.D.A. Tech. Bul. no.992, 51 p. 1949. 1 Ag84Te no.992

Sewage disposal system for your farm home. Ext. Serv. AE-24, 6 p. n.d. 275.29 N812AE no.24 (North Dakota)

Some studies of the circulatory system of the cow's udder. U.S.D.A. Tech. Bul. no.982, 36 p. 1949. 1 Ag84Te no.982

Soybeans, culture and varieties. U.S.D.A. Farmers' Bul. no.1520, 38 p. Rev. 1949. 1 Ag84F no.1520

Spraying schedules for Nebraska tree fruits. Nebraska. Ext. Serv. E.C. 1810, 6 p. 1949. 275.29 N272Ex no.1810

Storage of dry shelled corn in farm-type bins. U.S.D.A. Cir. no.826, 36 p. 1949. 1 Ag84C no.826



Sump and pump for basement drainage. N. D. Ext. Serv. AE-26, 3 p. 1949.  
275.29 N812Ae no.26  
Weed sprayer guide. Nebr. Ext. Serv. E.C. 186, 19 p. 1949. 275.29 N272Ex  
Winter pasture for more feed and better feed at lower cost. Okla. Agr. Expt.  
Sta. Bul. no.B-333, 16 p. 1949. 100 Ok4(b) no.333  
Your farm lease. U.S.D.A. Misc. Pub. no.627, 8 p. Rev.1949. 1 Ag84M

#### FERTILIZER

Commercial fertilizers. Food and agriculture organization of the United  
Nations. FAO commodity series - Bul. no.17, 57 p. 1949. 389.9 F735Cs  
"Data on the world production, distribution and consumption of the three  
major commercial plant nutrients...nitrogen, phosphoric acid, and potash."  
Fertilize corn for higher yields. N.C. Agr. Expt. Sta. Bul. no.366, 49 p.  
1949. 100 N81(b) no.366  
Manure: its management in barn and field. Ohio. Ext. Serv. Bul. 262, 32 p.  
1949. 275.29 Oh32 no.262  
Mixing fertilizers on the farm. U.S.D.A. Farmers' B. no.2007, 13 p. 1949.  
1 Ag84F no.2007

#### FORESTRY

Control of weeds in conifer nurseries by mineral spirits. U.S. Lake States  
Forest Expt. Sta. Station paper no.17, 23 p. 1949. 1.9622 L2St2 no.17  
Decay resistance of black locust heartwood. U.S.D.A. Tech. Bul. no.984, 37 p.  
1949. 1 Ag84Te no.984  
Recruiting and training labor for woods work. U.S. Northeastern Forest Expt.  
Sta. Station paper no.24, 16 p. 1949. 1.9622 N2St22 no.24  
Winter injury and recovery of conifers in the upper Midwest. U.S. Lake States  
For. Expt. Sta. Station paper no.18, 20 p. 1949. 1.9622 L2St2 no.18

#### HOME ECONOMICS

Buying men's suits. U.S.D.A. Misc. Pub. no.688, 23 p. 1949. 1 Ag84M  
Home freezers, their selection and use. U.S.D.A. Misc. Pub. no.687, 16 p.  
1949. 1 Ag84M no.687  
"It covers planning for the freezer, selecting it, and using it." - USDA  
Pork on the farm, killing, curing and canning. U.S.D.A. Farmers' Bul. no.  
1186, 38 p. Rev. 1949. 1 Ag84F no.1186  
Posture in housework. U.S. D.A. AIS no.83, 23 p. 1949. 1 Ag84Ai no.83  
Turkey on the table the year round. U.S.D.A. Farmers' Bul. no.2011, 21 p.  
1949. 1 Ag84F no.2011

#### MISCELLANEOUS

Agricultural economic and statistical publications. 45 p. U.S. Bur. of agri-  
cultural economics. 1949. 1.941 E8Ag8 (A bibliography)  
Appraisal and control of duplicating service. 44 p. U.S. Bur. of the budget.  
1949. 151.28 M31  
A bulletin which "will be of interest to persons in direct charge of du-  
plicating and printing installations and to those responsible for procure-  
ment and supply management, training, farms design, management improvement,  
and publication activities."  
Army engineers vs. Bureau of reclamation, the battle that squanders billions  
Extension of remarks of Guy M. Gillette of Iowa, in the Senate of the U.S.,  
May 16, 1949. 8 p. Washington, U.S. Govt. print. off., 1949.  
Grasshopper egg-pod distribution in the Northern Great Plains and its relation  
to egg-survey methods. U.S.D.A. Cir. no.816, 16 p. 1949. 1 Ag84C no.816  
Physical risks in farm production, selected references, 1930-1948. U.S.D.A.  
Library. Library list no.49, 29 p. 1949. 1.916 L612 no.49

PERIODICAL NOTES.

Ethel L. Coon, Librarian to the industry. American bee journal, p.528-9, Nov. 1949. Miss Coon is the apiculture specialist in the Dept. of Agriculture Library.

Grass - where to? by Wilkie Collins, Jr. (SCS) In Better farming methods, Oct. 1949. p.17, 35, 40.

Irrigated empire, by Donald M. Smith. Western livestock journal, p.41, 58-59. Oct. 15, 1949.

"You can't beat irrigated pastures for income and pasture improvement - here's a stockman who proves it!"

Making beef capital, conservation means pounds and dollars in modern ranching, by Herb Boddy(SCS). Western livestock journal, p.37, 122, 126, 128. Oct.15, 1949.

Need for sound soil practices, by James I. E. Ilgenfritz. American nurseryman, p. 13-14. October 14, 1949.

Promising forage crop, by Frank C. Pellett. In American Bee journal, p.472-473. October 1949.

"Wagner pea is a deep rooting, long-lived perennial which yields abundant forage on poor soils."

Reducing hazards of winter grazing, by William J. McGinnies (FS Intermountain forest and range Expt. Sta.) National wool grower p. 14-15, 36. Oct. 1949.

Story of the station pond, by Everett A. Carleton(SCS). Farm research p.5-6. October 1949.

Water runs downhill, by Bernard DeVoto. Outdoor America, October 1949, p.5-7,10.

Photographs by U.S. Soil conservation service. Graphic description of the perils of erosion.

"DO YOU SEE -

The Agricultural Outlook Digest? It is issued monthly by the Bureau of Agricultural Economics. It covers industrial production, personal income, employment, prices received by farmers, demand for farm products, farm income, farm real estate taxes, livestock and meat, dairy products, poultry and eggs, fats and oils, feeds, wheat, fruits and vegetables, all on two sides of one plainly printed sheet. What more could you ask? Seldom have so many facts about so much been packed into so few words in such small space." - USDA p.7, Oct. 10, 1949.

This periodical is available for loan, circulation or reference in your Branch library.

Organic farmer is published monthly. The editor is J. I. Rodale, author of Pay dirt, The organic front and other books. The periodical is well illustrated and contains signed articles on farming without the use of commercial fertilizers. Sample articles include: Kale as a cover crop, How to select seed corn, Composting corn cobs, Farm compost in production and An organic cure for alkali disease.. Recommended to soil conservationists.

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